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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1792***
For each additional sheet over 30	**$20**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1792 $***
Pour chaque feuille au delà de 30	**20 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee

50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. **Handling fee** (Rule 57.2(*a*))	$269
6. **Preliminary examination fee** (Rule 58)	$800

* International fees will be reduced by:

- **$269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif

50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. **Taxe de traitement** (Règle 57.2*a*))	269 $
6. **Taxe d'examen préliminaire** (Règle 58)	800 $

* Les frais seront réduits de:

- **269 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
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8. Intellectual property acts, rules and regulations

14. Procédures de correspondance

le 20 juin, 2017

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2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and

- ordering copies in paper, or electronic form of a document.

des agents de brevets;

- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;

- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;

- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
    - First Monday in August (British Columbia Day)
    - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
    - March 17 (St. Patrick's Day)
    - April 23 (St. George's Day)
    - June 24 (Discovery Day)
    - July 12 (Orangemen's Day)
    - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
    - Third Monday in February (Ontario Family Day)
    - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
    - premier lundi d'août (Fête de la Colombie-Britannique)
    - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
    - 17 mars (Fête de la Saint-Patrick)
    - 23 avril (Fête de la Saint-Georges)
    - 24 juin (Journée de la Découverte)
    - 12 juillet (Jour des Orangistes)
    - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
    - troisième lundi de février (Jour de la Famille de l'Ontario)
    - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of October 10, 2017 contains applications open to public inspection from September 24, 2017 to September 30, 2017.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 10 octobre 2017 contient les demandes disponibles au public pour consultation pour la période du 24 septembre 2017 au 30 septembre 2017.

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[54] **REDUCTION D'INFECTIONS CONCOMITANTES CHEZ LES COCHONS PAR L'UTILISATION DE L'ANTIGENE DU VIRUS PCV2**
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[73] BOEHRINGER INGELHEIM VETMEDICA, INC., US
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[54] **DISPOSITIF D'ASPIRATION DE MOELLE OSSEUSE ET DE BIOPSIE OSSEUSE**
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[72] GALLEGOS CAZARES, SERGIO, MX
[72] BORBOLLA ESCOBAZA, JOSE RAFAEL, MX
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[54] **ENDOSCOPE MUNI D'UNE SOURCE LUMINEUSE ET D'UNE SOURCE D'ALIMENTATION INTERNES**
[72] ROOT, THOMAS V., US
[72] GAVALIS, ROBB M., US
[72] KRUPA, ROBERT J., US
[72] PARILLO, ANTHONY J., US
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[54] **CIRCUIT DE DETECTION D'HORLOGE**
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[73] ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD., CN
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[54] **MECANISME DE VERROUILLAGE DE TIGE POUR UN INSTRUMENT CHIRURGICAL**
[72] RACENET, DANYEL J., US
[72] KASVIKIS, DINO, US
[73] TYCO HEALTHCARE GROUP LP, US
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[54] **GENERATION AND USE OF ISOTOPIC PATTERNS IN MASS SPECTRAL PHENOTYPIC COMPARISON OF ORGANISMS**
[54] **GENERATION ET UTILISATION DE MOTIFS ISOTOPIQUES DANS LE CADRE DE LA COMPARAISON PHENOTYPIQUE D'ORGANISMES PAR SPECTROSCOPIE DE MASSE**
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[73] IROA TECHNOLOGIES LLC, US
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[72] YOUNG, CHARLES T., US
[73] MATTHEWS RESOURCES, INC., US
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[54] **NARROW GAUGE HIGH STRENGTH CHOKED WET TIP MICROWAVE ABLATION ANTENNA**
[54] **ANTENNE ETROITE D'ABLATION PAR MICRO-ONDES A EXTREMITE HUMIDE A BOBINE D'ARRET A RESISTANCE ELEVEE**
[72] BRANNAN, JOSEPH D., US
[72] BONN, KENLYN S., US
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[54] **SYSTEMES ET PROCEDES POUR RENDRE DES INFORMATIONS D'ALERTE POUR UNE RADIODIFFUSION NUMERIQUE ET RECEPTEUR ACTIF DE RADIODIFFUSION NUMERIQUE**
[72] MILBAR, MAREK, US
[73] IBIQUITY DIGITAL CORPORATION, US
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[54] **SYSTEM AND METHOD FOR APPLYING A TEXT PREDICTION ALGORITHM TO A VIRTUAL KEYBOARD**
[54] **SYSTEME ET METHODE D'APPLICATION D'UN ALGORITHME DE PREDICTION DE TEXTE A UN CLAVIER VIRTUEL**
[72] HO, COLIN STEPHEN SAMUEL, CA
[72] RIDER, DOUGLAS CLAYTON, CA
[73] BLACKBERRY LIMITED, CA
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[54] **GENERATEUR CONTRAROTATIF DE TURBINE AGAZ D'AERONEF**
[72] SCHILLING, JAN CHRISTOPHER, US
[72] TOOT, PETER DAVID, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **SURGICAL STAPLER WITH TACTILE FEEDBACK SYSTEM**
[54] **AGRAFEUSE CHIRURGICALE AVEC DISPOSITIF DE RETROACTION TACTILE**
[72] MA, YONG, US
[72] HEINRICH, RUSSELL, US
[73] TYCO HEALTHCARE GROUP LP, US
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[54] **RETENTION MEANS FOR A SEAL BOOT USED IN A UNIVERSAL JOINT IN A DOWNHOLE MOTOR DRIVESHAFT ASSEMBLY**
[54] **DISPOSITIF DE RETENUE POUR MANCHON D'ETANCHEITE DE JOINT DE CARDAN D'ARBRE D'ENTRAINEMENT POUR MOTEUR DE FOND DE TROU**
[72] MARCHAND, NICHOLAS RYAN, CA
[72] CLEMENTS, JEREMY SCOTT, CA
[72] HACKMAN, STEVEN EDWARD, CA
[72] DYCK, TYLER JARRET, CA
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[54] **PROCESSING RECORDABLE CONTENT IN A STREAM**
[54] **TRAITEMENT DE CONTENU ENREGISTRABLE DANS UN FLUX**
[72] WAJS, ANDREW AUGUSTINE, NL
[72] KILL, GRAHAM, CN
[73] IRDETO B.V., NL
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[54] **METHODS FOR DETECTING ESTRONE BY MASS SPECTROMETRY**
[54] **PROCEDES DE DETECTION D'OESTRONE PAR SPECTROMETRIE DE MASSE**
[72] GOLDMAN, MILDRED M., US
[72] CLARKE, NIGEL J., US
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[54] **SAFETY SYSTEM FOR A NUCLEAR PLANT**
[54] **SYSTEME DE PROTECTION POUR CENTRALE NUCLEAIRE**
[72] ECKARDT, BERND, DE
[72] LOSCH, NORBERT, DE
[73] AREVA GMBH, DE
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[54] **ELONGATED SEAL ANCHOR FOR USE IN SURGICAL PROCEDURES**
[54] **ANCRAGE D'ETANCHEITE ALLONGE POUR UTILISATION DANS LE CADRE D'INTERVENTIONS CHIRURGICALES**
[72] KLEYMAN, GENNADY, US
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2709617)
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[22] 2010-07-13
[30] US (61/231,781) 2009-08-06
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[54] **INSTRUMENT CHIRURGICAL MUNI D'UN PORT AVEC CONTRE-DEPOUILLE**
[72] KLEYMAN, GENNADY, US
[73] TYCO HEALTHCARE GROUP LP, US
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[54] **AGENT ANTIBLOCAGE POUR PIPELINE SERVANT AU TRANSPORT DE RESIDUS DE PRODUITS DE QUEUE CONTENANT DU BITUME**
[72] DANG-VU, TRONG, CA
[72] RAMEY, SCOTT, US
[73] S.P.C.M. SA, FR
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[54] **METHODE ET APPAREILLAGE PRODUISANT DU GAZ DE SYNTHESE**
[72] SPROUSE, KENNETH M., US
[72] FARHANGI, SHAHRAM, US
[72] SAXELBY, ROBERT M., US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **SYSTEM FOR SUPPLY OF LPG/AMMONIA FOR DIRECT-INJECTION PETROL OR DIESEL ENGINES**
[54] **SYSTEME D'ALIMENTATION EN GPL/AMMONIAC POUR MOTEURS ESSENCE OU DIESEL A INJECTION DIRECTE**
[72] CIPPITANI, LUCIANO, IT
[73] ICOMET SPA, IT
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[54] **TEMPERATURE SENSOR AND METHOD FOR ADJUSTING SUCH A TEMPERATURE SENSOR**
[54] **SONDE DE TEMPERATURE ET METHODE DE REGLAGE DE LADITE SONDE**
[72] CASTILLO, PHILIPP PEREZ, DE
[72] REICHERT, WILLI, DE
[72] SCHLENKER, BRUNO, DE
[73] E.G.O. ELEKTRO-GERATEBAU GMBH, DE
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[54] **CATHETER WITH MULTI-FUNCTIONAL CONTROL HANDLE HAVING LINEAR MECHANISM**
[54] **CATHETER AVEC POIGNEE DE COMMANDE MULTIFONCTIONNELLE POURVUE D'UN MECANISME LINEAIRE**
[72] SCHULTZ, JEFFREY WILLIAM, US
[73] BIOSENSE WEBSTER, INC., US
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[30] US (12/550,204) 2009-08-28

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[54] **CATHETER WITH MULTI-FUNCTIONAL CONTROL HANDLE HAVING ROTATIONAL MECHANISM**
[54] **CATHETER AVEC POIGNEE DE COMMANDE MULTIFONCTIONNELLE POURVUE D'UN MECANISME ROTATIF**
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[73] BIOSENSE WEBSTER, INC., US
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[54] **TOUR ET INSTALLATION DE TURBINE EOLIENNE, ET METHODE DE CONSTRUCTION**
[72] VOSS, STEFAN, DE
[73] GENERAL ELECTRIC COMPANY, US
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[54] **HUMIDIFICATEUR AVEC ACCES POLYVALENT A SON TAMPON**
[72] WANG, BIN, CN
[72] CAO, XIN HUA, CN
[72] TERLSON, BRAD, US
[72] QUAM, DAVID, US
[73] HONEYWELL INTERNATIONAL INC., US
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[54] **METHOD AND SYSTEM FOR COOLING A WIND TURBINE STRUCTURE**
[54] **METHODE ET EQUIPEMENT PERMETTTANT DE REFROIDIR UNE STRUCTURE DE TURBINE EOLIENNE**
[72] GAO, MENG, CN
[73] GENERAL ELECTRIC COMPANY, US
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[54] **A SYSTEM AND METHOD FOR DELIVERING PUSH CONTENT TO A MOBILE DEVICE**
[54] **SYSTEME ET PROCEDE POUR FOURNIR UN CONTENU ACHEMINE A UN DISPOSITIF MOBILE**
[72] LEBLANC, MICHAEL, CA
[72] GLIDDEN, JODY D., US
[73] BLACKBERRY LIMITED, CA
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[54] **RENFORT DE LA LIGNE D'AGRAFES POUR ENCLUME ET CARTOUCHE**
[72] INGMANSON, MICHAEL D., US
[72] SHAH, SACHIN, US
[72] MCNELLIS, JOSEPH, US
[73] TYCO HEALTHCARE GROUP LP, US
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[54] **ELEMENTS INTERRELIES EN CERAMIQUE ET EN METAL, ET METHODES DE FABRICATION ET D'UTILISATION CONNEXES**
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[73] GENERAL ELECTRIC COMPANY, US
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[54] **GLUCOAMYLASE ET PHYTASE DE BUTTIAUXIELLA DURANT LA SACCHARIFICATION**
[72] BRENEMAN, SUZANNE, US
[72] LANTERO, ORESTE, US
[72] PAULSON, BRADLEY, US
[72] SHETTY, JAYARAMA, US
[73] DANISCO US INC., US
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[25] FR
[54] **CONTAINER FOR RECEIVING AND STORING BIOLOGICAL MATERIAL, ESPECIALLY DNA**
[54] **CONTENANT DESTINE A RECEVOIR ET CONSERVER DU MATERIEL BIOLOGIQUE, NOTAMMENT DE L'ADN**
[72] TUFFET, SOPHIE, FR
[72] DE SOUZA, DAVID GEORGES, FR
[73] IMAGENE, FR
[85] 2010-09-10
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[54] **UNDERWATER CHAIN STOPPER AND FAIRLEAD FOR ANCHORING OFFSHORE STRUCTURES WITH MECHANISM FOR REDUCING OUT OF PLANE BENDING FATIGUE**
[54] **DISPOSITIF D'ARRET DE CHAINE ET CHAUMARD SUBMERGES POUR L'ANCRAGE D'INSTALLATIONS AU LARGE DES COTES AVEC MECANISME DE REDUCTION DE LA FATIGUE DE FLEXION PLANE**
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[54] **REPARATION D'UNE HERNIE VENTRALE A L'AIDE D'UN FIL DE SUTURE A BARBILLONS**
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[72] GLICK, JONATHAN, US
[72] KOSA, TIMOTHY D., US
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[72] BESORE, JOHN K., US
[72] DRAKE, JEFF DONALD, US
[72] FRANKS, DARIN, US
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[73] BLUE PLANET ENVIRONMENTAL INC., CA
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[72] ALTENHOF, WILLIAM JACK, CA
[72] JIN, SHUN YI, CA
[72] MAJUMBER, AMITABHA, CA
[73] UNIVERSITY OF WINDSOR, CA
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[72] BENOIT, JEAN-PIERRE, FR
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[54] **SYSTEME COMPRENANT DES AGENTS ANTIMICROBIENS POUR TOITS**
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[72] WILSON, PAUL G., US
[72] KIIK, MATTI, US
[72] KLEINLAUTH, PHILLIP, US
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[54] **RECUPERATION D'ENZYMES INSOLUBLES A PARTIR D'UN BOUILLON DE FERMENTATION ET FORMULATION D'ENZYMES INSOLUBLES**
[72] BODO, MICHAEL, US
[72] CHRISTENSEN, ROBERT I., US
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[72] CARPINELLA, RALPH, US
[72] DOMBROSKI, ROBERT, US
[72] FERRARO, DAVID, US
[73] CARPIN MANUFACTURING, INC., US
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[54] **COLLECTEURS POUR FLOTTATION D'UN MINERAI COMPRENANT DES ACIDES GRAS OXYDES OU DES COMPOSITIONS OXYDEES ET MODIFIEES PAR MALEATE**
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[72] PALAZZO, JOHN W., US
[72] BRIENZA, GIOVANNI, US
[73] FRONTLINE INTERNATIONAL, INC., US
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[72] WEIGANDT, MARKUS, DE
[72] HANEFELD, ANDREA, DE
[72] KUEBELBECK, ARMIN, DE
[72] LARBIG, GREGOR, DE
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[54] **METHODE DE DEPLOIEMENT ET D'ALIMENTATION D'UN DISPOSITIF ENTRAINE ELECTRIQUEMENT DANS UN PUITS**
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[73] ACCESSESP UK LIMITED, GB
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[72] NADLER, STEVEN G., US
[72] SUCHARD, SUZANNE J., US
[72] CLASSON, BRENDAN, US
[72] HOLMES, STEVE, GB
[72] IGNATOVICH, OLGA, GB
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[54] **PROCEDE ET DISPOSITIF POUR FONCTIONS DE MEMORISATION ET REPRODUCTION DANS UN RECEPTEUR DE RADIODIFFUSION NUMERIQUE**
[72] SHAH, CHINMAY, US
[72] PAHUJA, ASHWINI, US
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[73] IBIQUITY DIGITAL CORPORATION, US
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[54] **COMBINAISON D'UN INHIBITEUR DE LA PHOSPHATIDYLINOSITOL-3-KINASE (PI3K) ET D'UN INHIBITEUR DE MTOR**
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[54] **SYSTEMES POUR ENERGIE SOLAIRE HAUTEMENT EFFICACE**
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[54] **PROCEDE DE MICRO-ENCAPSULATION AVEC UN SOLVANT ET UN SEL**
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[72] CAMPBELL, JASON, US
[72] NETTLES, HEATHER, US
[72] WOMACK, ALLISON, US
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[54] **PROCEDE DE FABRICATION D'ELEMENTS DE LIAISON AU MOYEN D'UN PROCEDE DE SOUDAGE PAR PRESSION ET ELEMENT DE LIAISON**
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[72] GROTHERR, JOERN, DE
[72] HOFFMANN, CHRISTIAN, DE
[72] JUNGE, HEIKO, DE
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[54] **METHOD AND APPARATUS FOR MEASURING MOISTURE CONTENT IN A BIOLOGICAL MATERIAL**
[54] **PROCEDE ET APPAREIL PERMETTANT DE MESURER LA TENEUR EN HUMIDITE DANS UN MATERIAU BIOLOGIQUE**
[72] ULLBERG, ANDERS, SE
[72] KULLENBERG, RAGNAR, SE
[72] ODEN, ERIK, SE
[72] DANIELSSON, FREDRIK, SE
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[54] **SYSTEME ET METHODE DE CALCUL DE LA CONSOMMATION D'ENERGIE D'APPAREILS ELECTROMENAGERS**
[72] BESORE, JOHN K., US
[72] WORTHINGTON, TIMOTHY DALE, US
[72] FINCH, MICHAEL F., US
[72] SPICER, LUCAS B., US
[72] DRAKE, JEFF D., US
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[54] **TUBE D'ADMINISTRATION, SYSTEME, ET PROCEDE DE STOCKAGE DE LIQUIDE PROVENANT D'UN SITE TISSULAIRE**
[72] COULTHARD, RICHARD DANIEL JOHN, GB
[72] ROBINSON, TIMOTHY MARK, GB
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[54] **EFFICIENT WIND TURBINE BLADES, WIND TURBINE BLADE STRUCTURES, AND ASSOCIATED SYSTEMS AND METHODS OF MANUFACTURE, ASSEMBLY AND USE**
[54] **PALES D'EOLIENNE EFFICACES, STRUCTURES DE PALES D'EOLIENNE, SYSTEMES ET PROCEDES ASSOCIES DE FABRICATION, D'ASSEMBLAGE ET D'UTILISATION**
[72] BAKER, MYLES L., US
[72] ARENDT, CORY P., US
[72] MADRID, BERNARD G., US
[72] VILHAUER, SHELDON, US
[73] VESTAS WIND SYSTEMS A/S, DK
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[54] **TECHNETIUM- AND RHENIUM-BIS(HETEROARYL) COMPLEXES AND METHODS OF USE THEREOF**
[54] **COMPLEXES DE TECHNETIUM- ET RHENIUM-BIS (HETEROARYLES) ET LEURS PROCEDES D'UTILISATION**
[72] BABICH, JOHN W., US
[72] ZIMMERMAN, CRAIG, US
[72] JOYAL, JOHN, US
[72] MARESCA, KEVIN P., US
[72] MARQUIS, JOHN, US
[72] LU, GENLIANG, US
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[72] VAN DER MAAREL, MARC JOS ELISE CORNELIS, NL
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[72] LEEMHUIS, REINDER JOHANNES, NL
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[54] **SYSTEME POUR AMELIORER LA PLAGE DYNAMIQUE ET REDUIRE L'INCERTITUDE DE LA MESURE DE CAPTEURS DISTRIBUES SUR UNE FIBRE OPTIQUE ET APPAREILS DE MESURE DISTRIBUEE DE FIBRE OPTIQUE**
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[72] CORREDERA GUILLEN, PEDRO, ES
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[54] **PROCEDE AMELIORE POUR PRODUIRE UN THERMOFERTILISANT A PARTIR DE MINERAUX PORTEURS DE POTASSIUM**
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[72] GOMES DA SILVA, RUBERLAN, BR
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[72] TERRONES MALDONADO, MAURICIO, MX
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[72] SONG, ZHIGUO JAKE, US
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[54] **PROCEDE DE PREPARATION DE 2-(CYCLOHEXYLMETHYL)-N-{2-[(2S)-1-METHYLPYRROLIDIN-2-YL]ETHYL}-1,2,3,4-TETRAHYDROISOQUINOLINE-7-SULFONAMIDE**
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[54] **CAPSULES POUR L'OBTENTION D'INFUSIONS, TELLES QU'UN ESPRESSO, OU DE BOISSONS A PARTIR DE PRODUITS SOLUBLES DANS L'EAU, ET MACHINES CORRESPONDANTES UTILISANT CELLES-CI**
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[72] KOPECEK, JOSEPH THOMAS, US
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[54] **STRUCTURE AVANT D'AVION ET DE CASE DE RANGEMENT DE TRAIN D'ATTERRISSAGE AVANT**
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[72] LIEVEN, PATRICK, FR
[72] DUGERIE, MARC, FR
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[54] **COMPONENT HAVING A CATALYTIC SURFACE, METHOD FOR PRODUCING SAME, AND USE OF SAID COMPONENT**
[54] **PIECE POURVUE D'UNE SURFACE CATALYTIQUE, PROCEDE DE FABRICATION ET UTILISATION DE LADITE PIECE**
[72] ARNDT, AXEL, DE
[72] DOYE, CHRISTIAN, DE
[72] KRUEGER, URSUS, DE
[72] PYRITZ, UWE, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **COMPONENT PART HAVING A CATALYTIC SURFACE, METHOD FOR PRODUCING SAME AND USE OF SAID COMPONENT**
[54] **PIECE POURVUE D'UNE SURFACE CATALYTIQUE, PROCEDE DE FABRICATION ET UTILISATION DE LADITE PIECE**
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[54] **DETECTEUR MICROBOLOMETRE NON REFROIDI ET RESEAU DE DETECTION TERAHERTZ**
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[72] MAUSKOPF, PHILIP, US
[72] JEROMINEK, HUBERT, CA
[72] BOLDUC, MARTIN, CA
[72] ILIAS, SAMIR, CA
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[54] **STRUCTURE FIBREUSE FORMANT UNE BRIDE ET UNE CONTRE-BRIDE**
[72] OLIVIER, LOIC, FR
[73] SNECMA, FR
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[54] **SINGLE PACKAGE IMAGING AND INERTIAL NAVIGATION SENSORS, AND METHODS OF MANUFACTURING THE SAME**
[54] **CAPTEURS D'IMAGE ET CAPTEURS DE NAVIGATION INERTIELLE EN UN SEUL BLOC ET LEURS METHODES DE FABRICATION**
[72] KENNEDY, MARC ADAM, CA
[73] BLACKBERRY LIMITED, CA
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[54] **COMPOSITION DE CARBURANT AVIATION A INDICE D'OCTANE ELEVE**
[72] HEMIGHAUS, GREGORY, US
[72] CANNELLA, WILLIAM, US
[73] CHEVRON U.S.A. INC., US
[85] 2012-12-13
[86] 2011-05-02 (PCT/US2011/034739)
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[25] EN
[54] **METHOD FOR PROVIDING A LOW-FRICTION SURFACE**
[54] **PROCEDE PERMETTANT D'OBTENIR UNE SURFACE A FAIBLE COEFFICIENT DE FROTTEMENT**
[72] ZHMUD, BORIS, SE
[73] APPLIED NANO SURFACES SWEDEN AB, SE
[85] 2012-12-28
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[54] **PROCESS FOR SEPARATION OF GASES**
[54] **PROCEDE DE SEPARATION DE GAZ**
[72] UNGERANK, MARKUS, AT
[72] BAUMGARTEN, GOETZ, DE
[72] PRISKE, MARKUS, DE
[72] ROEGL, HARALD, AT
[73] EVONIK FIBRES GMBH, AT
[85] 2012-12-31
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[25] EN
[54] **WATER-BASED PESTICIDAL SUSPENSION**
[54] **SUSPENSION PESTICIDE A BASE AQUEUSE**
[72] AWAZU, TAKAO, JP
[72] SANO, MITSUO, JP
[72] NAKAGAWA, AKIRA, JP
[73] ISHIHARA SANGYO KAISHA, LTD., JP
[85] 2013-01-02
[86] 2011-07-05 (PCT/JP2011/065747)
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[25] EN
[54] **CAPACITIVE TOUCH SENSOR HAVING CORRELATION WITH A RECEIVER**
[54] **CAPTEUR TACTILE CAPACITATIF PRESENTANT UNE CORRELATION AVEC UN RECEPTEUR**
[72] WESTHUES, JONATHAN, US
[72] HAN, JEFFERSON Y., US
[73] PERCEPTIVE PIXEL INC., US
[85] 2013-01-10
[86] 2011-07-14 (PCT/US2011/043936)
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[25] EN
[54] **RESIN COMPOSITION, MOLDED OBJECT AND SUBSTRATE MATERIAL BOTH OBTAINED FROM THE RESIN COMPOSITION, AND CIRCUIT BOARD INCLUDING THE SUBSTRATE MATERIAL**
[54] **COMPOSITION DE RESINE, OBJET MOULE ET MATERIAU DE SUBSTRAT TOUS DEUX OBTENUS A PARTIR DE LADITE COMPOSITION DE RESINE, ET CARTE DE CIRCUIT UTILISANT LEDIT MATERIAU DE SUBSTRAT**
[72] MIYATA, KENJI, JP
[72] YAMAGATA, TOSHITAKA, JP
[73] DENKA COMPANY LIMITED, JP
[85] 2013-02-07
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[54] **SYSTEM AND METHOD FOR CREATING A SECURE TRUSTED SOCIAL NETWORK**
[54] **SYSTEME ET PROCEDE POUR CREER UN RESEAU SOCIAL DE CONFIANCE SECURISE**
[72] TAM, CHUNG MING, CA
[72] GILL, PARAMJIT S., CA
[72] GILL, BARJINDERPAL S., US
[73] TOPEER CORPORATION, CA
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[87] (2807829)
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[54] **FORCE AND TRUE CAPACITIVE TOUCH MEASUREMENT TECHNIQUES FOR CAPACITIVE TOUCH SENSORS**
[54] **TECHNIQUES DE FORCE ET DE MESURE TACTILE CAPACITIVE VRAIE POUR DES CAPTEURS TACTILES CAPACITIFS**
[72] WESTHUES, JONATHAN, US
[72] HAN, JEFFERSON Y., US
[73] PERCEPTIVE PIXEL INC., US
[85] 2013-02-15
[86] 2011-08-16 (PCT/US2011/047844)
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[54] **MEASURING DEVICE**
[54] **APPAREIL DE MESURE**
[72] MATT, ACHIM, DE
[73] KROHNE MESSTECHNIK GMBH, DE
[86] (2810864)
[87] (2810864)
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[25] EN
[54] **PAPER COATING COMPOSITIONS**
[54] **COMPOSITIONS DE COUCHAGE DE PAPIER**
[72] FEDERICI, FRANCO, IT
[72] BOSSI, THIERRY, IT
[72] FUMAGALLI, STEFANO, IT
[72] VAGO, RICCARDO, IT
[72] FLORIDI, GIOVANNI, IT
[72] LI BASSI, GIUSEPPE, IT
[73] LAMBERTI SPA, IT
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[25] EN
[54] **PHASE DETECTOR**
[54] **DETECTEUR DE PHASE**
[72] LINN, YAIR, CA
[73] LINN, YAIR, CA
[85] 2013-03-15
[86] 2011-11-01 (PCT/CA2011/001217)
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[25] EN
[54] **SERVICE OFFER SET PUBLISHING TO DEVICE AGENT WITH ON-DEVICE SERVICE SELECTION**
[54] **PUBLICATION D'UN ENSEMBLE D'OFFRES DE SERVICES A DESTINATION D'UN LOGICIEL DEVICE AGENT AVEC SELECTION DE SERVICE SUR UN DISPOSITIF**
[72] RALEIGH, GREGORY G., US
[72] LAVINE, JAMES, US
[73] HEADWATER RESEARCH LLC, US
[85] 2013-03-18
[86] 2011-09-21 (PCT/US2011/052662)
[87] (WO2012/040398)
[30] US (61/385,020) 2010-09-21
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[51] Int.Cl. G01F 23/28 (2006.01) B65B 1/30 (2006.01)
[25] EN
[54] METHOD FOR DETERMINING THE FILL LEVEL OF A MEDIUM AND CORRESPONDING DEVICE
[54] PROCEDE POUR DETERMINER LE NIVEAU D'UN FLUIDE ET DISPOSITIF CORRESPONDANT
[72] GERDING, MICHAEL, DE
[72] VOGT, MICHAEL, DE
[73] KROHNE MESSTECHNIK GMBH, DE
[86] (2811616)
[87] (2811616)
[22] 2013-04-04
[30] DE (10 2012 007 979.6) 2012-04-24

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[25] EN
[54] WATER REMOVAL FROM ANTI-AGGLOMERATE LDHIS
[54] ELIMINATION D'EAU A PARTIR DE LDHIS ANTI-AGGLOMERANT
[72] DURHAM, DANNY, US
[72] RUSSUM, JAMES, US
[72] DAVIS, NATHAN, US
[72] CONKLE, CURTIS, US
[73] MULTI-CHEM GROUP, LLC, US
[85] 2013-03-15
[86] 2011-09-21 (PCT/US2011/052553)
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[25] EN
[54] LYSINE SPECIFIC DEMETHYLASE-1 INHIBITORS AND THEIR USE
[54] INHIBITEURS DE DEMETHYLASE-1 SPECIFIQUE DE LA LYSINE ET LEUR UTILISATION
[72] ORTEGA MUNOZ, ALBERTO, ES
[72] CASTRO-PALOMINO LARIA, JULIO, ES
[72] FYFE, MATTHEW COLIN THOR, ES
[73] ORYZON GENOMICS S.A., ES
[85] 2013-03-22
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[87] (WO2011/035941)
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[25] EN
[54] REUSABLE DENTAL IMPRESSION TRAY
[54] PORTE-EMPREINTE DENTAIRE REUTILISABLE
[72] MCDONALD, SIMON P., NZ
[73] DENTSPLY INTERNATIONAL INC., US
[85] 2013-03-26
[86] 2011-09-29 (PCT/US2011/054089)
[87] (WO2012/047731)
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[25] EN
[54] ELECTRICAL WIRING SYSTEM FOR A ROTOR HUB
[54] SYSTEME DE CABLAGE ELECTRIQUE POUR UN MOYEU DE ROTOR
[72] DAVIS, HUNTER, US
[72] SHERRILL, PAUL, US
[72] SELF, ROBERT, US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2813886)
[87] (2813886)
[22] 2013-04-24
[30] US (61/638,068) 2012-04-25
[30] US (13/862,515) 2013-04-15

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[51] Int.Cl. A61F 9/00 (2006.01) A61N 1/30 (2006.01) A61N 1/32 (2006.01)
[25] EN
[54] DEVICE FOR CORNEAL DELIVERY OF RIBOFLAVIN BY IONTOPHORESIS FOR THE TREATMENT OF KERATOCONUS
[54] DISPOSITIF POUR L'ADMINISTRATION PAR IONOPHORESE DE RIBOFLAVINE DANS LA CORNEE POUR LE TRAITEMENT DE KERATOCONE
[72] FOSCHINI, FULVIO, IT
[72] ROY, PIERRE, FR
[72] STAGNI, EDOARDO, IT
[72] CAVALLO, GIOVANNI, IT
[72] LUCIANI, GIULIO, IT
[73] SOOFT ITALIA SPA, IT
[85] 2013-04-16
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[51] **Int.Cl. C22B 5/00 (2006.01) F27D 3/16 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING THERMAL BALANCE OF A SUSPENSION SMELTING FURNACE AND SUSPENSION SMELTING FURNACE**
[54] **PROCEDE POUR CONTROLER L'EQUILIBRE THERMIQUE D'UN FOUR DE FUSION EN SUSPENSION, ET FOUR DE FUSION EN SUSPENSION**
[72] MYYRI, JORMA, FI
[72] AHOKAINEN, TAPIO, FI
[72] PESONEN, LAURI P., FI
[72] BJORKLUND, PETER, FI
[73] OUTOTEC OYJ, FI
[85] 2013-04-22
[86] 2011-11-03 (PCT/FI2011/050966)
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[25] EN
[54] **CONTROL SYSTEM HAVING TOOL TRACKING**
[54] **SYSTEME DE COMMANDE AVEC SUIVI D'OUTIL**
[72] EVERETT, BRYAN J., US
[72] KOEHRSEN, CRAIG L., US
[72] RICHARDS, RODNEY R., US
[72] COOK, STEVEN J., AU
[73] CATERPILLAR INC., US
[85] 2013-05-13
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[30] US (61/418,344) 2010-11-30
[30] US (13/198,457) 2011-08-04

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[51] **Int.Cl. G06F 3/042 (2006.01)**
[25] EN
[54] **MULTI-TOUCH INPUT SYSTEM WITH RE-DIRECTION OF RADIATION**
[54] **SYSTEME D'ENTREE TACTILE MULTIPOINT A REDIRECTION DE RAYONNEMENT**
[72] BELL, GARETH, CA
[72] MORRISON, GERALD, CA
[72] NEWTON, JOHN, CA
[73] SMART TECHNOLOGIES ULC, CA
[85] 2013-05-31
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[25] EN
[54] **INTERACTIVE TELEVISION SYSTEM WITH NEWSGROUPS**
[54] **SYSTEME DE TELEVISION INTERACTIF A GROUPES DE DISCUSSION**
[72] ELLIS, MICHAEL D., US
[73] ROVI GUIDES, INC., US
[86] (2820780)
[87] (2820780)
[22] 2000-06-28
[62] 2,378,304
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[51] **Int.Cl. A47C 27/00 (2006.01)**
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[54] **INTERDIGITATED CELLULAR CUSHIONING**
[54] **AMORTISSEMENT CELLULAIRE INTERDIGITE**
[72] KANOUS, TREVOR, US
[72] FOLEY, PETER, US
[72] METZER, COLLIN, US
[72] SUGANO, ERIC, US
[72] BUCHEN, GERALD, US
[72] MASSMAN, MARK, US
[72] NEAL, JON, US
[73] SKYDEX TECHNOLOGIES, INC., US
[85] 2013-06-07
[86] 2011-12-12 (PCT/US2011/064449)
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[25] EN
[54] **GEOPOLYMER COMPOSITE FOR ULTRA HIGH PERFORMANCE CONCRETE**
[54] **COMPOSITE GEOPOLYMERE POUR BETON A ULTRA HAUTES PERFORMANCES**
[72] GONG, WEILIANG, US
[72] LUTZE, WERNER, US
[72] PEGG, IAN, US
[73] THE CATHOLIC UNIVERSITY OF AMERICA, US
[85] 2013-06-12
[86] 2011-12-16 (PCT/US2011/065649)
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[25] EN
[54] **ELUATE COLLECTION USING CONDUCTIVITY GRADIENT**
[54] **RECUPERATION D'ELUAT PAR UTILISATION D'UN GRADIENT DE CONDUCTIVITE**
[72] FELGENHAUER, MARTIN, AT
[72] MAIERHOFER, HELMUT, AT
[72] MISON, DOMINIQUE, CH
[72] DESPONDS, ARNAUD, CH
[73] BAXALTA GMBH, CH
[73] BAXALTA INCORPORATED, US
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[54] **WOUND CLEANSING APPARATUS IN-SITU**
[54] **APPAREIL DE NETTOYAGE DE PLAIES IN SITU**
[72] BLOTT, PATRICK LEWIS, GB
[72] GREENER, BRYAN, GB
[72] HARTWELL, EDWARD YERBURY, GB
[72] LEE-WEBB, JULIAN, GB
[72] NICOLINI, DEREK, GB
[73] SMITH & NEPHEW PLC, GB
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[54] **PROCEDURE AND SYSTEM FOR THE PAY-OUT OF CREDIT BY MEANS OF AUTOMATIC GAMING MACHINES**
[54] **PROCEDE ET SYSTEME DE PAIEMENT DU CREDIT PAR DES MACHINES DE JEU**
[72] SCHROETTER, FLORIAN, AT
[73] NOVOMATIC AG, AT
[85] 2013-06-26
[86] 2012-01-11 (PCT/AT2012/000006)
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[25] EN
[54] **POLYPHENYL SULPHONE-POLYTETRAFLUOROETHYLENE BLEND FOR ANTI-WEAR TAPES IN FLEXIBLE OIL PIPES**
[54] **MELANGE DE POLYPHENYLSULFONE ET DE POLYTETRAFLUOROETHYLENE POUR BANDES ANTI-USURE DANS DES OLEODUCS FLEXIBLES**
[72] BUMANN, DETLEF, DE
[72] DREXLER, ALBERT, DE
[72] WILLEMANN, RICARDO LUIZ, CN
[73] EVONIK ROHM GMBH, DE
[85] 2013-07-12
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[30] DE (10 2011 002 687.8) 2011-01-14

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[51] **Int.Cl. F16L 33/22 (2006.01)**
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[54] **CONNECTING DEVICE FOR CONDUITS OR HOSE LINES HAVING ASSEMBLY DETECTION**
[54] **DISPOSITIF DE RACCORDEMENT POUR DES CONDUITES OU DES FLEXIBLES AVEC IDENTIFICATION DE MONTAGE**
[72] NEISKE, OLIVER, DE
[73] PARKER HANNIFIN MANUFACTURING GERMANY GMBH & CO. KG, DE
[85] 2013-08-01
[86] 2012-01-25 (PCT/EP2012/051104)
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[25] EN
[54] **FOODSTUFF CONVEYOR APPARATUS AND METHOD OF CONVEYING A FOODSTUFF**
[54] **APPAREIL DE TRANSPORT DE PRODUITS ALIMENTAIRES ET METHODE DE TRANSPORT D'UN PRODUIT ALIMENTAIRE**
[72] PANKOKE, UWE, DE
[72] KIEL, TOBIAS, DE
[72] NILSSON, KERSTEN, DE
[73] VEMAG MASCHINENBAU GMBH, DE
[86] (2827018)
[87] (2827018)
[22] 2013-09-13
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[25] EN
[54] **NOZZLE FOR CREATING A WATER HEAT SHIELD WHEN FLARING WASTE GASES**
[54] **BUSE POUR PRODUIRE UN BOUCLIER THERMIQUE D'EAU PENDANT LE TORCHAGE DE GAZ DE COMBUSTION**
[72] SOLTVEDT, TERJE MORTEN, NO
[72] SOLTVEDT, DANIEL, NO
[72] TJORHOLM, SVEN EGIL, NO
[73] SWT AS, NO
[85] 2013-08-21
[86] 2012-02-23 (PCT/NO2012/050028)
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[30] NO (20110306) 2011-02-24

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[51] **Int.Cl. G06Q 30/06 (2012.01)**
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[54] **GROUPING PERSONAL ACCOUNTS TO TAILOR A WEB SERVICE**
[54] **REGROUPEMENT DE COMPTES PERSONNELS POUR PERSONNALISER UN SERVICE WEB**
[72] ZANA, JOSHUA C., US
[72] REED, DAVID R., US
[72] POPE, MATTHEW J., US
[72] HABARAKADA, SHYAM S., US
[72] MULTERER, BOYD CANNON, US
[72] NICE, NIR, US
[72] MANION, TODD R., US
[72] DUNN, MELISSA W., US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[25] EN
[54] **TREATMENT FLUIDS CONTAINING A RELATIVE PERMEABILITY MODIFIER AND A COMPANION POLYMER INTERACTING SYNERGISTICALLY THEREWITH AND METHODS FOR USE THEREOF**
[54] **FLUIDES DE TRAITEMENT CONTENANT UN AGENT MODIFICATEUR DE LA PERMEABILITE RELATIVE ET UN POLYMERE ASSOCIE INTERAGISSANT DE FACON SYNERGIQUE AVEC LEDIT AGENT, ET LEURS PROCEDES D'UTILISATION**
[72] EOFF, LARRY STEVEN, US
[72] LOUCKS, JEFF W., US
[72] REDDY, BAIRREDDY RAGHAVA, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[86] 2012-04-05 (PCT/GB2012/000315)
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[25] EN
[54] **EYEWEAR AND LENSES WITH DEFLECTION ATTENUATION MECHANISMS**
[54] **LUNETTES ET LENTILLES A MECANISMES D'ATTENUATION DE DEVIATION**
[72] BETOURNAY, MATTHEW, US
[72] ABNEY, NATHAN BARG, US
[72] MCNEAL, WILLIAM CURRIER, US
[73] SMITH OPTICS, INC., US
[86] (2831446)
[87] (2831446)
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[25] EN
[54] **AUXILIARY HEAT EXCHANGERS**
[54] **ECHANGEURS DE CHALEUR AUXILIAIRES**
[72] USELTON, ROBERT B. "DUTCH", US
[73] LENNOX INDUSTRIES INC., US
[86] (2831981)
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[25] EN
[54] **METHODS FOR TREATING CONDITIONS ASSOCIATED WITH MASP-2 DEPENDENT COMPLEMENT ACTIVATION**
[54] **METHODES DE TRAITEMENT D'ETATS ASSOCIES A UNE ACTIVATION DU COMPLEMENT DEPENDANT DE MASP-2**
[72] DEMOPULOS, GREGORY A., US
[72] DUDLER, TOM, US
[72] SCHWAEBLE, HANS-WILHELM, GB
[73] UNIVERSITY OF LEICESTER, GB
[73] OMEROS CORPORATION, US
[85] 2013-10-02
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[25] EN
[54] **FREQUENCY-VARYING FILTERING OF SIMULTANEOUS SOURCE SEISMIC DATA**
[54] **FILTRAGE A VARIATION DE FREQUENCE DE DONNEES SISMIQUES DE SOURCES SIMULTANEES**
[72] HUO, SHOUDONG, SA
[72] XU, HAI, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2013-10-25
[86] 2012-05-10 (PCT/US2012/037290)
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[51] **Int.Cl. G01R 19/00 (2006.01) H02G 7/05 (2006.01) H02G 13/00 (2006.01) G01R 25/00 (2006.01)**
[25] EN
[54] **PORTABLE SELF POWERED LINE MOUNTED DEVICE AND METHOD FOR MEASURING THE VOLTAGE OF ELECTRIC POWER LINE CONDUCTORS**
[54] **DISPOSITIF INSTALLABLE SUR UNE LIGNE AUTO-ALIMENTEE PORTATIVE ET METHODE POUR MESURER LA TENSION DE CONDUCTEURS DE LIGNES ELECTRIQUES**
[72] DAVIS, MURRAY W., US
[73] DAVIS, MURRAY W., US
[86] (2834544)
[87] (2834544)
[22] 2013-11-28
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[51] **Int.Cl. E05D 13/00 (2006.01)**
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[54] **WINDOW COUNTERBALANCE SYSTEM AND MOUNTING BRACKET THEREFOR**
[54] **SYSTEME DE CONTREPOIDS POUR FENETRE ET SON SUPPORT DE FIXATION**
[72] SOFIANEK, JAY, US
[72] DENORMAND, RICHARD S., US
[73] CALDWELL MANUFACTURING COMPANY NORTH AMERICA, LLC, US
[86] (2834563)
[87] (2834563)
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[51] **Int.Cl. A01N 25/32 (2006.01) A01N 47/28 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **CROP PLANT-COMPATIBLE HERBICIDAL COMPOSITIONS CONTAINING HERBICIDES AND SAFENERS**
[54] **COMPOSITIONS HERBICIDES COMPATIBLES AVEC LES PLANTES CULTIVEES, CONTENANT DES HERBICIDES ET DES PHYTOPROTECTEURS**
[72] BRISTOW, JAMES TIMOTHY, CN
[73] JIANGSU ROTAM CHEMISTRY CO., LTD., CN
[85] 2013-07-09
[86] 2011-11-08 (PCT/CN2011/081898)
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[54] **WRISTBAND WITH DETACHABLE LABELS**
[54] **BRACELET AVEC ETIQUETTES AMOVIBLES**
[72] RILEY, JAMES M., US
[73] LASER BAND, LLC, US
[86] (2835542)
[87] (2835542)
[22] 2003-09-26
[62] 2,679,181
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[25] EN
[54] **DRILL AND BORING DEVICE USING SAME**
[54] **TREPAN ET DISPOSITIF DE PERCAGE EMPLOYANT LEDIT TREPAN**
[72] KAKIMOTO, MASAKAZU, JP
[72] AOKI, WATARU, JP
[73] UHT CORPORATION, JP
[73] BTT CORPORATION, JP
[85] 2013-11-15
[86] 2012-05-08 (PCT/JP2012/061749)
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[51] **Int.Cl. H04W 52/00 (2009.01) G08B 21/18 (2006.01)**
[25] EN
[54] **COMMUNICATIONS DEVICE HAVING BATTERY MONITORING CAPABILITIES AND PERFORMING PRE-SCHEDULED EVENTS**
[54] **DISPOSITIF DE COMMUNICATION DOTE DE CAPACITES DE SURVEILLANCE DE PILES ET EXECUTANT DES EVENEMENTS PREVUS**
[72] LOMBARDI, ROBERT JOSEPH, CA
[72] MULAOSMANOVIC, JASMIN, CA
[72] MESAROS, MARK DAVID, CA
[72] GOLDSMITH, MICHAEL ANDREW, CA
[73] BLACKBERRY LIMITED, CA
[86] (2837383)
[87] (2837383)
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[30] US (13/749,389) 2013-01-24
[30] EP (13152477.9) 2013-01-24

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[25] EN
[54] **INTERACTIVE SURFACE WITH USER PROXIMITY DETECTION**
[54] **SURFACE INTERACTIVE AVEC DETECTION DE PROXIMITE D'UTILISATEUR**
[72] TSE, EDWARD, CA
[72] FLETCHER, MARK, CA
[72] WILDING, NEAL HANEBURY, CA
[72] THOMPSON, SEAN, CA
[72] TSE, DEREK, CA
[72] STRILCHUK, MICHAEL ANDREW, CA
[72] GILL, HAROLD, CA
[72] MARTIN, DAVID, CA
[72] ROUNDING, KATHRYN, CA
[72] BOYKIW, ALAN PETER, CA
[72] BOYLE, MICHAEL, CA
[72] XIN, MIN, CA
[73] SMART TECHNOLOGIES ULC, CA
[85] 2013-12-03
[86] 2012-06-15 (PCT/CA2012/000588)
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[30] US (61/497,248) 2011-06-15
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[25] EN
[54] **MODULAR FURNITURE SYSTEM AND MODULAR FURNITURE**
[54] **SYSTEME DE MEUBLE MODULAIRE ET MEUBLE MODULAIRE**
[72] DE LEON VAZQUEZ, EDUARDO, MX
[73] DE LEON VAZQUEZ, EDUARDO, MX
[86] (2838286)
[87] (2838286)
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[51] **Int.Cl. F23N 1/02 (2006.01) F23D 14/02 (2006.01) F24H 9/18 (2006.01)**
[25] EN
[54] **MODULATING BURNER**
[54] **BRULEUR MODULANT**
[72] SMELCER, JIM C., US
[73] A.O. SMITH CORPORATION, US
[86] (2838380)
[87] (2838380)
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[51] **Int.Cl. H04N 19/55 (2014.01) H04N 19/182 (2014.01) H04N 19/61 (2014.01)**
[25] EN
[54] **BORDER PIXEL PADDING FOR INTRA PREDICTION IN VIDEO CODING**
[54] **REMPLISSAGE DE PIXEL DE BORDURE POUR UNE PREVISION INTERNE DANS UN CODAGE VIDEO**
[72] WANG, XIANGLIN, US
[72] CHIEN, WEI-JUNG, US
[72] KARCZEWICZ, MARTA, US
[72] CHEN, PEISONG, US
[72] CHEN, YING, US
[73] QUALCOMM INCORPORATED, US
[85] 2013-12-04
[86] 2012-06-12 (PCT/US2012/042052)
[87] (WO2012/173991)
[30] US (61/496,504) 2011-06-13
[30] US (61/557,361) 2011-11-08
[30] US (61/557,845) 2011-11-09
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[54] **IMPLICITLY CERTIFIED DIGITAL SIGNATURES**
[54] **SIGNATURES NUMERIQUES CERTIFIEES IMPLICITEMENT**
[72] KRAVITZ, DAVID WILLIAM, US
[72] ZAVERUCHA, GREGORY MARC, US
[72] BROWN, DANIEL RICHARD L., CA
[73] CERTICOM CORP., CA
[85] 2013-12-06
[86] 2012-05-04 (PCT/US2012/036541)
[87] (WO2012/170131)
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[51] **Int.Cl. G01V 8/10 (2006.01) G01V 8/24 (2006.01)**
[25] EN
[54] **OPTICAL FIBER SENSOR AND METHOD FOR ADHERING AN OPTICAL FIBER TO A SUBSTRATE**
[54] **CAPTEUR DE FIBRE OPTIQUE ET PROCEDE PERMETTANT DE FAIRE ADHERER UNE FIBRE OPTIQUE A UN SUBSTRAT**
[72] LAING, MALCOLM S., US
[72] HOMA, DANIEL S., US
[72] HARMAN, ROBERT M., US
[72] LAMBERT, CHRISTOPHER H., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2014-01-09
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[25] EN
[54] **COEFFICIENT SCANNING IN VIDEO CODING**
[54] **BALAYAGE DE COEFFICIENTS DANS UN PROCESSUS DE CODAGE VIDEO**
[72] JOSHI, RAJAN LAXMAN, US
[72] SOLE ROJALS, JOEL, US
[72] KARCZEWICZ, MARTA, US
[72] ZHENG, YUNFEI, US
[72] WANG, XIANGLIN, US
[73] QUALCOMM INCORPORATED, US
[85] 2014-01-14
[86] 2012-07-18 (PCT/US2012/047220)
[87] (WO2013/012930)
[30] US (61/509,522) 2011-07-19
[30] US (61/509,926) 2011-07-20
[30] US (61/550,829) 2011-10-24
[30] US (61/554,292) 2011-11-01
[30] US (13/551,458) 2012-07-17

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[13] C
[51] **Int.Cl. G06T 15/80 (2011.01) G06T 15/04 (2011.01) G01V 1/34 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR RENDERING 2D GRID DATA**
[54] **SYSTEMES ET PROCEDES DE RENDU DE DONNEES D'UNE GRILLE BIDIMENSIONNELLE**
[72] VISWANATHAN, VENKATRAMAN, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2014-01-23
[86] 2012-05-17 (PCT/US2012/038344)
[87] (WO2013/036304)
[30] US (13/228,081) 2011-09-08

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[51] **Int.Cl. C10J 3/48 (2006.01) C07C 1/04 (2006.01) C10G 2/00 (2006.01) C10J 3/72 (2006.01) F02C 3/28 (2006.01)**
[25] EN
[54] **GASIFICATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE GAZEIFICATION**
[72] JIANG, WEIBIN, US
[72] MCCOMISH, BRUCE, US
[72] BORUM, BRYAN C., US
[72] CARRYER, BENJAMIN, US
[72] IBSEN, MARK, US
[72] ROBERTSON, MARK, US
[72] ELROD, ERIC, US
[72] WEEKS, SIM, US
[72] WRIGHT, HAROLD A., US
[73] RES USA, LLC, US
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[86] 2012-07-27 (PCT/US2012/048715)
[87] (WO2013/016703)
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[25] EN
[54] **GASIFICATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE GAZEIFICATION**
[72] JIANG, WEIBIN, US
[72] MCCOMISH, BRUCE, US
[72] BORUM, BRYAN C., US
[72] CARRYER, BENJAMIN, US
[72] IBSEN, MARK, US
[72] ROBERTSON, MARK, US
[72] ELROD, ERIC, US
[72] WEEKS, SIM, US
[72] WRIGHT, HAROLD A., US
[73] RES USA, LLC, US
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[86] 2012-07-27 (PCT/US2012/048717)
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[30] US (61/512,365) 2011-07-27

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[13] C
[51] **Int.Cl. G06F 17/20 (2006.01) G06Q 50/30 (2012.01)**
[25] EN
[54] **COEFFICIENTS ATTRIBUTION FOR DIFFERENT OBJECTS BASED ON NATURAL LANGUAGE PROCESSING**
[54] **ATTRIBUTION DE COEFFICIENTS POUR DIFFERENTS OBJETS SUR LA BASE D'UN TRAITEMENT DE LANGAGE NATUREL**
[72] TSENG, ERICK, US
[73] FACEBOOK, INC., US
[85] 2014-02-11
[86] 2012-07-20 (PCT/US2012/047530)
[87] (WO2013/025309)
[30] US (13/209,207) 2011-08-12

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[13] C
[51] **Int.Cl. A61B 5/0478 (2006.01)**
[25] EN
[54] **EEG MONITOR WITH CAPACITIVE ELECTRODES AND METHOD OF MONITORING BRAIN WAVES**
[54] **MONITEUR D'EEG A ELECTRODES CAPACITIVES ET METHODE DE SURVEILLANCE DES ONDES CEREBRALES**
[72] KILSGAARD, SOREN, DK
[72] RANK, MIKE LIND, DK
[72] UNGSTRUP, MICHAEL, DK
[72] JENSEN, MORTEN HOLM, DK
[72] KIDMOSE, PREBEN, DK
[73] T&W ENGINEERING A/S, DK
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[13] C
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[25] EN
[54] **TOOTH WHITENING STRIP**
[54] **BANDELETTE DE BLANCHIMENT DES DENTS**
[72] BOYD, THOMAS, US
[72] XU, GUOFENG, US
[72] ADAMS, RICHARD, US
[72] PIERCE, ROBERT, US
[72] MILLER, STEVEN, US
[72] VISCIO, DAVID, US
[73] COLGATE-PALMOLIVE COMPANY, US
[85] 2014-02-25
[86] 2011-09-14 (PCT/US2011/051546)
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[13] C
[51] **Int.Cl. F41G 1/30 (2006.01) F41G 1/34 (2006.01) G02B 23/10 (2006.01)**
[25] EN
[54] **REFLEX SIGHT**
[54] **VISEUR REFLEX**
[72] KOESLER, PAUL D., US
[72] SZALONY, STEVEN C., US
[72] VARNER, JOSHUA LEE, US
[72] BAGWELL, JOEL M., US
[72] DILLON, DANIEL M., US
[73] TRIJICON, INC., US
[85] 2014-02-26
[86] 2012-08-24 (PCT/US2012/052239)
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[30] US (61/530,618) 2011-09-02
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[51] **Int.Cl. A01N 47/44 (2006.01) A01N 43/16 (2006.01) A01P 1/00 (2006.01) A61K 31/722 (2006.01) A61P 1/04 (2006.01) A61P 17/02 (2006.01) A61P 31/04 (2006.01) C08B 37/08 (2006.01)**
[25] EN
[54] **CHITOSAN-DERIVATIVE COMPOUNDS AND METHODS OF CONTROLLING MICROBIAL POPULATIONS**
[54] **COMPOSES DERIVES DE CHITOSANE ET PROCEDES DE REGULATION DE POPULATIONS MICROBIENNES**
[72] BAKER, SHENDA, US
[72] WIESMANN, WILLIAM P., US
[73] SYNEDGEN, INC., US
[86] (2848648)
[87] (2848648)
[22] 2007-01-24
[62] 2,653,390
[30] US (60/810,591) 2006-06-02
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[25] EN
[54] **SYSTEMS AND METHODS OF DELIVERY OF BIOACTIVE AGENTS USING BACTERIAL TOXIN-DERIVED TRANSPORT SEQUENCES**
[54] **SYSTEMES ET PROCEDES D'ADMINISTRATION D'AGENTS BIOLOGIQUEMENT ACTIFS PAR LE BIAIS DE SEQUENCES VECTRICES DERIVEES DE TOXINE BACTERIENNE**
[72] MRSNY, RANDALL J., US
[72] MAHMOOD, TAHIR, US
[73] MRSNY, RANDALL J., US
[73] MAHMOOD, TAHIR, US
[85] 2014-03-13
[86] 2011-09-15 (PCT/US2011/001602)
[87] (WO2012/036746)
[30] US (61/403,394) 2010-09-15

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[51] **Int.Cl. B02C 13/28 (2006.01)**
[25] EN
[54] **ARC-SHAPED AND POLYGONAL CRUSHING TOOTH ARRANGEMENT IN ROTOR CRUSHERS AND ROLLER CRUSHERS**
[54] **SYSTEME A DENTS DE BROYAGE EN FORME D'ARC ET POLYGONALES DANS DES BROYEURS A ROTOR ET DES BROYEURS A ROULEAU**
[72] SCHMIDT, MARKO, DE
[72] BAILEY, WARREN, CA
[73] TAKRAF GMBH, DE
[86] (2848983)
[87] (2848983)
[22] 2014-04-10
[30] DE (10 2013 206 341.5) 2013-04-10

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[51] **Int.Cl. A61M 27/00 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **VACUUM WOUND DRESSING**
[54] **PANSEMENT SOUS VIDE**
[72] ADAMS, SIMON, GB
[72] BISHOP, STEPHEN, GB
[72] GRIFFITHS, BRYAN, GB
[72] SHAW, HELEN, GB
[73] CONVATEC TECHNOLOGIES INC., US
[86] (2849596)
[87] (2849596)
[22] 2005-11-04
[62] 2,586,437
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[25] EN
[54] **DOUBLE FABRIC FACED INJECTION MOLDED FIXTURE**
[54] **APPAREIL SANITAIRE MOULE PAR INJECTION REVETU DE TISSU DOUBLE**
[72] DEJESUS, WILLIAM M., US
[72] NIELSEN, PETER, US
[72] MEYERS, LARRY, US
[73] MGNT PRODUCTS GROUP LLC, US
[86] (2849601)
[87] (2849601)
[22] 2014-04-23
[30] US (61/816,334) 2013-04-26
[30] US (13/934,304) 2013-07-03

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[13] C
[51] **Int.Cl. H04L 9/32 (2006.01) H04W 12/08 (2009.01) H04L 9/00 (2006.01) H04L 12/16 (2006.01)**
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[54] **METHODS AND DEVICES FOR PROVIDING WARNINGS ASSOCIATED WITH CREDENTIALS TO BE STORED IN A CREDENTIAL STORE**
[54] **PROCEDES ET DISPOSITIF POUR FOURNIR DES AVERTISSEMENTS ASSOCIES A DES AUTHENTIFIANTS A STOCKER DANS UN STOCKAGE D'AUTHENTIFIANTS**
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[72] ADAMS, NEIL PATRICK, CA
[72] MARTIN, DARYL JOSEPH, CA
[72] TRUSKOVSKY, ALEXANDER, CA
[72] BENDER, CHRISTOPHER LYLE, CA
[73] BLACKBERRY LIMITED, CA
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[54] **USE OF MOLECULAR CHAPERONES FOR THE ENHANCED PRODUCTION OF SECRETED, RECOMBINANT PROTEINS IN MAMMALIAN CELLS**
[54] **UTILISATION DE CHAPERONS MOLECULAIRES POUR AUGMENTER LA FABRICATION DE PROTEINES SECRETEES RECOMBINANTES DANS LES CELLULES MAMMALIENNES**
[72] CHAN, SHAM-YUEN, US
[72] TANG, HSINYI YVETTE, US
[72] TAO, YIWEN, US
[72] WU, YONGJIAN, US
[72] KELLY, RUTH, US
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[54] **SYSTEMS AND METHODS FOR REMOVING INGESTED MATERIAL FROM A STOMACH**
[54] **SYSTEMES ET METHODES POUR RETIRER UN MATERIEL INGERE D'UN ESTOMAC**
[72] KAMEN, DEAN, US
[72] GRANT, KEVIN L., US
[72] SOEDERBERG, ERIC M., US
[72] ALTOBELLI, DAVID E., US
[72] FLYNN, DAVID, US
[72] SOLOVAY, KENNETH S., US
[72] KLEIN, SAMUEL, US
[72] LANGLOSS, TIM, US
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[54] **METHODES DE PREVENTION ET/OU DE TRAITEMENT D'UNE ALTERATION DE LA MEMOIRE**
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[73] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
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[72] DRAGOVICH, ZELJKO, US
[72] SHIFRON, SAM, US
[73] WATKINS MANUFACTURING CORPORATION, US
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[54] **GENERATEUR DE GAZ A DES FINS DE SOINS DE SANTE**
[72] LIN, HSIN-YUNG, CN
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[54] **ASSEMBLAGE DE MOYEU AERODYNAMIQUE POUR UNE EOLIENNE**
[72] WILSON, IAN DAVID, US
[72] KINZIE, KEVIN WAYNE, US
[72] MADGE, JAMES HENRY, US
[72] ERNO, JASON DANIEL, US
[72] MOSCINSKI, MICHAEL COLAN, US
[72] KHAN, ZAEEM, ASHRAF, US
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[54] **NEZ DE SEPARATEUR AVEC UNE FEUILLE FORMANT UNE SURFACE POUR GUIDER L'ECOULEMENT ET AGISSANT COMME CONDUIT DE DEGIVRAGE**
[72] HERBAUT, GHISLAIN, BE
[72] BALDEWIJNS, BENOIT, BE
[73] SAFRAN AERO BOOSTERS SA, BE
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[54] **AUTO-RELEASE VACUUM DEVICE**
[54] **APPAREIL A VIDE A LIBERATION AUTOMATIQUE**
[72] PERLMAN, MAURICE, US
[72] ATTEE, KEITH S., US
[73] DELAWARE CAPITAL FORMATION, INC., US
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[54] **SIGNAL EXTRACTION CIRCUITS AND METHODS FOR ION MOBILITY TUBE, AND ION MOBILITY DETECTORS**
[54] **CIRCUIT ET METHODE D'EXTRACTION DU SIGNAL DU TUBE DE MIGRATION DES IONS ET DETECTEUR DE MIGRATION D'IONS**
[72] ZHANG, QINGJUN, CN
[72] CHEN, ZHIQIANG, CN
[72] LI, YUANJING, CN
[72] ZHAO, ZIRAN, CN
[72] LIU, YINONG, CN
[72] CAO, SHIPING, CN
[72] ZOU, XIANG, CN
[72] LI, XIANGHUA, CN
[72] CHANG, JIANPING, CN
[72] DONG, SHUQIANG, CN
[72] ZHENG, YAN, CN
[73] NUCTECH COMPANY LIMITED, CN
[73] TSINGHUA UNIVERSITY, CN
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[54] **MULTI-BAR LINKAGE HINGE ASSEMBLY WITH LIMIT STOP**
[54] **ENSEMBLE CHARNIERE A TRINGLERIE A BARRES MULTIPLES AVEC BUTEE**
[72] MUIR, MALCOLM, US
[72] MCINNIS, JAMES, US
[72] SNYDER, JACOB, US
[73] CALDWELL MANUFACTURING COMPANY NORTH AMERICA, LLC, US
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[54] **AIRCRAFT PASSENGER SEAT AND SEAT SWIVEL ASSEMBLY**
[54] **SIEGE DE PASSAGER D'AERONEF ET ENSEMBLE PIVOT DE SIEGE**
[72] OLESON, MICHAEL L., US
[73] B/E AEROSPACE, INC., US
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[54] **DOOR LATCH OPERATOR APPARATUS**
[54] **APPAREIL FAISANT FONCTIONNER UNE SERRURE DE PORTE**
[72] HODGIN, CHRIS, US
[73] YALE SECURITY INC., US
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[54] **CAMERA WITH BUILT-IN POLARIZER SWITCHING MECHANISM**
[54] **CAMERA DOTEE D'UN MECANISME DE COMMUTATEUR DE POLARISATION INTEGRE**
[72] SHI, XIUDONG, CN
[72] YU, YINGHAI, CN
[73] SHANGHAI RUISHI MACHINE VISION TECHNOLOGY CO., LTD., CN
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[25] EN
[54] **FERRITE-BASED STAINLESS STEEL PLATE HAVING EXCELLENT RESISTANCE AGAINST SCALE PEELING, AND METHOD FOR MANUFACTURING SAME**
[54] **TOLE D'ACIER INOXYDABLE A BASE DE FERRITE PRESENTANT UNE EXCELLENTE RESISTANCE AU DECALAMINAGE ET SON PROCEDE DE FABRICATION**
[72] HAYASHI, ATSUTAKA, JP
[72] INOUE, YOSHIHARU, JP
[72] HIRAIDE, NOBUHIKO, JP
[73] NIPPON STEEL & SUMIKIN STAINLESS STEEL CORPORATION, JP
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[54] **PAROXETINE DERIVATIVE**
[54] **DERIVE DE PAROXETINE**
[72] TANAKA, KEIGO, JP
[72] NISHIOKA, TOMOKI, JP
[73] EISAI R&D MANAGEMENT CO., LTD., JP
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[54] **HOLE-SHAPE MEASURING APPARATUS AND HOLE-SHAPE MEASURING METHOD**
[54] **APPAREIL DE MESURE DE FORME DE TROU ET PROCEDE DE MESURE DE FORME DE TROU**
[72] NAKAMURA, MIKIO, JP
[72] IENAGA, HIROFUMI, JP
[72] FUJITA, YOSHIHITO, JP
[72] OKAMOTO, KAZUO, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[54] **RECHARGEABLE BATTERY CELL WITH IMPROVED HIGH TEMPERATURE PERFORMANCE**
[54] **ELEMENT DE BATTERIE RECHARGEABLE AVEC PERFORMANCES AMELIOREES A HAUTE TEMPERATURE**
[72] KOCH, JOHN M., US
[72] FIERRO, CRISTIAN, US
[73] OVONIC BATTERY COMPANY, INC., US
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[54] **SPECTROMETRE DE MASSE A REFLEXION MULTIPLE**
[72] GRINFELD, DMITRY, DE
[72] MAKAROV, ALEXANDER, DE
[73] THERMO FISHER SCIENTIFIC (BREMEN) GMBH, DE
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[54] **ENTRAINEMENT POUR APPAREIL DE BOURRAGE DE VOIE FERREE**
[72] PRITZL, PATRICK, US
[73] NORDCO INC., US
[86] (2865138)
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[54] **COMMUNICATION CONTROL SYSTEM AND CONTROL DEVICE**
[54] **SYSTEME DE COMMANDE DE COMMUNICATION ET DISPOSITIF DE COMMANDE**
[72] EMORI, MOTOTSUGU, JP
[73] RICOH COMPANY, LTD., JP
[85] 2014-08-26
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[54] **INTEGRAL MOLDED SEAT BACK FOR COMPOSITE SEAT FRAME AND METHOD**
[54] **DOSSIER DE SIEGE MOULE INTEGRAL POUR CADRE DE SIEGE COMPOSITE ET PROCEDE CORRESPONDANT**
[72] POZZI, ALEXANDER NICHOLAS, US
[72] JOHNSON, GLENN ALLEN, US
[73] B/E AEROSPACE, INC., US
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[54] **METHODS FOR OPTICALLY DETERMINING A CHARACTERISTIC OF A SUBSTANCE**
[54] **PROCEDES DE DETERMINATION OPTIQUE D'UNE CARACTERISTIQUE D'UNE SUBSTANCE**
[72] FREESE, ROBERT, US
[72] JONES, CHRISTOPHER MICHAEL, US
[72] PERKINS, DAVID, US
[72] SIMCOCK, MICHAEL, US
[72] SOLTMANN, WILLIAM, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **POWER TRANSMISSION DEVICE AND POWER TRANSMISSION-RECEPTION SYSTEM**
[54] **DISPOSITIF DE DISTRIBUTION D'ENERGIE ET SYSTEME DE DISTRIBUTION D'ENERGIE/RECEPTION D'ENERGIE**
[72] UCHIDA, AKIYOSHI, JP
[72] KAMON, SEIICHI, JP
[72] TANAKA, KIYOTAKA, JP
[72] TAMESUE, MASUNARI, JP
[73] FUJITSU LIMITED, JP
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[54] **ROPE CLAMP SYSTEM**
[54] **SYSTEME DE PINCE POUR COSSE**
[72] KELLER, THOMAS L., US
[73] LANDSCAPE STRUCTURES INC., US
[86] (2868604)
[87] (2868604)
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[54] **RACCORD ET SYSTEME RESISTANT AUX MOMENTS**
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[73] DE LA CHEVROTIERE, ALEXANDRE, CA
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[25] EN
[54] **COMMUNICATION TERMINAL, COMMUNICATION FUNCTION STARTING METHOD, AND COMPUTER-READABLE RECORDING MEDIUM**
[54] **TERMINAL DE COMMUNICATION, PROCEDE DE LANCEMENT DE FONCTION DE COMMUNICATION ET SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR**
[72] KANDA, HIROYUKI, JP
[72] ASAI, TAKAHIRO, JP
[73] RICOH COMPANY, LIMITED, JP
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[25] EN
[54] METHODS FOR FORMATION OF AN OPHTHALMIC LENS WITH AN INSERT UTILIZING VOXEL-BASED LITHOGRAPHY TECHNIQUES
[54] PROCEDES DE FORMATION D'UNE LENTILLE OPHTALMIQUE AVEC UNE PIECE RAPPORTEE AU MOYEN DE TECHNIQUES DE LITHOGRAPHIE A BASE DE VOXEL
[72] ARCHER, MARINA JOHNS, US
[72] FERRAN, MICHAEL, US
[72] FLITSCH, FREDERICK A., US
[72] HIGHAM, CAMILLE A., US
[72] PUGH, RANDALL BRAXTON, US
[72] WIDMAN, MICHAEL F., US
[72] WILDSMITH, CHRISTOPHER, US
[73] JOHNSON & JOHNSON VISION CARE, INC., US
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[54] VOLUME SYNCHRONIZER FOR TUBULAR HANDLING TOOLS
[54] SYNCHRONISEUR DE VOLUME POUR OUTILS DE MANIPULATION TUBULAIRES
[72] HEIDECKE, KARSTEN, US
[72] THIEMANN, BJOERN, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[87] (2871397)
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[54] RUBBER FORMULATIONS INCLUDING GRAPHENIC CARBON PARTICLES
[54] FORMULATIONS DE CAOUTCHOUC CONTENANT DES PARTICULES DE CARBONE GRAPHENIQUE
[72] MARTIN, JUSTIN J., US
[72] VANIER, NOEL R., US
[72] REARICK, BRIAN K., US
[72] KOLLAH, RAPHAEL O., US
[72] OKEL, TIMOTHY A., US
[72] ASAY, DAVID, US
[72] KAHLE, CHARLES F., US
[72] HUNG, CHENG-HUNG, US
[73] PPG INDUSTRIES OHIO, INC., US
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[25] EN
[54] METHOD FOR ABSORBING CO2 FROM A GAS MIXTURE
[54] PROCEDE D'ABSORPTION DE CO2 D'UN MELANGE DE GAZ
[72] WILLY, BENJAMIN, DE
[72] RINKER, STEFANIE, DE
[72] NEUMANN, MANFRED, DE
[72] NIEMEYER, JOCHEN, DE
[72] KEUP, MICHAEL, DE
[72] WITTHAUT, DANIEL, DE
[72] SEILER, MATTHIAS, DE
[72] ROLKER, JORN, DE
[72] SCHNEIDER, ROLF, DE
[72] DEMBKOWSKI, DANIEL, DE
[72] BREHME, VOLKER, DE
[73] EVONIK DEGUSSA GMBH, DE
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[25] FR
[54] LOW-DENSITY HOT- OR COLD-ROLLED STEEL, METHOD FOR IMPLEMENTING SAME AND USE THEREOF
[54] ACIER LAMINE A CHAUD OU A FROID A FAIBLE DENSITE, SON PROCEDE DE MISE EN OEUVRE ET SON UTILISATION
[72] ZUAZO RODRIGUEZ, IAN ALBERTO, FR
[72] PERLADE, ASTRID, FR
[72] GARAT, XAVIER, FR
[73] ARCELORMITTAL INVESTIGACION Y DESARROLLO, S.L., ES
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[25] EN
[54] GRIPPER FOR TEST AND ISOLATION PLUGS
[54] DISPOSITIF DE PREHENSION POUR BOUCHONS D'ESSAI OU D'ISOLEMENT
[72] KOTLYAR, ALEX, US
[72] KOBZIAR, DANKO, US
[72] BERNESKI, JIM, US
[73] EST GROUP, INC., US
[86] (2874623)
[87] (2874623)
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[30] US (14/310,241) 2014-06-20

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[51] **Int.Cl. H04N 21/6336 (2011.01) H04N 21/234 (2011.01) H04N 21/647 (2011.01)**
[25] EN
[54] **STREAMING ADAPTION BASED ON CLEAN RANDOM ACCESS (CRA) PICTURES**
[54] **ADAPTATION DE LA DIFFUSION EN FLUX SUR LA BASE D'IMAGES A ACCES ALEATOIRE NET (CRA)**
[72] WANG, YE-KUI, US
[72] CHEN, YING, US
[73] QUALCOMM INCORPORATED, US
[85] 2014-12-02
[86] 2013-06-17 (PCT/US2013/046152)
[87] (WO2014/004150)
[30] US (61/665,667) 2012-06-28
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[51] **Int.Cl. C09D 11/102 (2014.01) B82Y 30/00 (2011.01) B41F 7/02 (2006.01)**
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[54] **AQUEOUS DISPERSIBLE SILOXANE-CONTAINING POLYMER INKS USEFUL FOR PRINTING**
[54] **ENCRES POLYMERES DISPERSIBLES AQUEUSES CONTENANT DE LA SILOXANE UTILES POUR L'IMPRESSION**
[72] MOORLAG, CAROLYN, CA
[72] BRETON, MARCEL P., CA
[72] SACRIPANTE, GUERINO, CA
[72] ZHOU, KE, CA
[73] XEROX CORPORATION, US
[86] (2875837)
[87] (2875837)
[22] 2014-12-18
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[51] **Int.Cl. A47G 27/02 (2006.01) A47L 23/22 (2006.01)**
[25] EN
[54] **DOUBLE DOORMAT**
[54] **PAILLASSON DOUBLE**
[72] LEE, SANG YEON, KR
[73] GLOBAL THE ONE KOREA CO., LTD., KR
[86] (2878585)
[87] (2878585)
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[30] KR (10-2014-0192117) 2014-12-29

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[25] EN
[54] **COMBINATION THERAPIES FOR MELANOMA COMPRISING ADMINISTERING COBIMETINIB AND VEMURAFINIB**
[54] **THERAPIES COMBINEES POUR MELANOME COMPRENANT L'ADMINISTRATION DE COBIMETINIB ET DE VEMURAFENIB**
[72] BRAY, GORDON, US
[72] CHAN, IRIS T., US
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-01-15
[86] 2013-08-15 (PCT/EP2013/067050)
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[30] US (61/705,575) 2012-09-25
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[54] **DETECTING UNINTENDED RECIPIENTS OF ELECTRONIC COMMUNICATIONS**
[54] **DETECTION DES DESTINATAIRES NON INTENTIONNELS DE COMMUNICATIONS ELECTRONIQUES**
[72] RACKLIFFE, JUSTIN, US
[73] FMR LLC, US
[86] (2880119)
[87] (2880119)
[22] 2015-01-27
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[25] EN
[54] **STRESS-RELIEF HEAT TREATMENT APPARATUS COMPRISING INDUCTION HEATING COILS**
[54] **APPAREIL DE TRAITEMENT THERMIQUE DE DETENTE COMPORTANT DES BOBINES DE CHAUFFAGE PAR INDUCTION**
[72] KARIMINE, KENICHI, JP
[72] UEDA, MASAHARU, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-02-02
[86] 2013-11-01 (PCT/JP2013/079712)
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[30] JP (2012-252111) 2012-11-16
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[25] EN
[54] **SHARED RESOURCE ALLOCATION**
[54] **ATTRIBUTION DE RESSOURCES PARTAGEES**
[72] SAMBHWANI, SHARAD DEEPAK, US
[72] MOHANTY, BIBHU P., US
[72] KAPOOR, ROHIT, US
[72] OZTURK, OZCAN, US
[72] YAVUZ, MEHMET, US
[73] QUALCOMM INCORPORATED, US
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[87] (2881059)
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[25] EN
[54] **HETEROCYCLYL CARBOXAMIDES FOR TREATING VIRAL DISEASES**
[54] **CARBOXAMIDES HETEROCYCLYLE POUR LE TRAITEMENT DE MALADIES VIRALES**
[72] HUBERMAN, ELIEZER, US
[73] NOVADRUG, LLC, US
[85] 2015-02-10
[86] 2013-08-30 (PCT/US2013/057585)
[87] (WO2014/036443)
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[54] **VARIABLE GEOMETRY LIFT FAN MECHANISM**
[54] **MECANISME DE SOUFFLANTE DE SUSTENTATION A GEOMETRIE VARIABLE**
[72] LONG, GEOFFREY A., US
[72] LYASOFF, RODIN, US
[73] ZEE.AERO INC., US
[85] 2015-02-16
[86] 2013-08-23 (PCT/US2013/056527)
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[54] **RESETTABLE COMBINATION LOCK MECHANISM**
[54] **MECANISME DE VERROUILLAGE A COMBINAISON POUVANT ETRE REINITIALISEE**
[72] LUONG, SON M., US
[72] ZURASKI, ROBERT D., US
[73] SCHLAGE LOCK COMPANY LLC, US
[85] 2015-02-17
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[25] EN
[54] **PACKER ASSEMBLY FOR AN OFFSHORE RISER AND METHOD OF USING SAME**
[54] **ENSEMBLE DE GARNITURE POUR UNE COLONNE MONTANTE EN MER ET SON PROCEDE D'UTILISATION**
[72] SEYFFERT, KENNETH W., US
[72] SONNIER, VOLTAIRE O., US
[72] NGUYEN, HOANG, US
[73] NATIONAL OILWELL VARCO, L.P., US
[85] 2015-02-27
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[25] EN
[54] **AMPLIFIER CIRCUIT, ANTENNA MODULE AND WIRELESS COMMUNICATION APPARATUS**
[54] **CIRCUIT AMPLIFICATEUR, MODULE D'ANTENNE ET APPAREIL DE COMMUNICATION SANS FIL**
[72] TSUJI, MASAAKI, JP
[72] KAWAHATA, KOHJI, JP
[72] TSUKAMOTO, NOBUNARI, JP
[72] ITOH, NAOHIRO, JP
[73] RICOH COMPANY, LTD., JP
[85] 2015-03-06
[86] 2013-09-11 (PCT/JP2013/075209)
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[54] **DABBING PULSED WELDING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SOUDAGE PULSE PAR TAMPONNEMENT**
[72] DAVIDSON, ROBERT R., US
[72] SCHUH, RICHARD J., US
[72] PALMER, MATTHEW ALEX, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2015-03-19
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[54] **DYNAMIC MANAGEMENT AND REDISTRIBUTION OF CONTACT CENTER MEDIA TRAFFIC**
[54] **GESTION ET REDISTRIBUTION DYNAMIQUES DU TRAFIC DE MEDIAS DANS DES CENTRES D'APPELS**
[72] KOVALENKO, GALINA, US
[72] SAYKO, VYACHESLAV, US
[72] ZHAKOV, VYACHESLAV, US
[73] GREENEDEN U.S. HOLDINGS II, LLC, US
[85] 2015-03-20
[86] 2013-09-06 (PCT/US2013/058572)
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[25] EN
[54] **COMPACT PNEUMATIC NAILER WITH SUPPLEMENTAL AIR TANK**
[54] **CLOUEUSE PNEUMATIQUE COMPACTE AVEC RESERVOIR D'AIR SUPPLEMENTAIRE**
[72] SCHIELER, BRYAN, US
[72] MINA, NATHAN, US
[72] HORST, CHRISTOPHER A., US
[72] FRANCIS, RYAN, US
[73] ILLINOIS TOOL WORKS INC., US
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[25] EN
[54] **A MULTI-LATERAL RE-ENTRY GUIDE AND METHOD OF USE**
[54] **GUIDE DE RENTREE MUTLILATERAL ET PROCEDE D'UTILISATION**
[72] ZHOU, SHAOHUA, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2015-03-26
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[25] EN
[54] **METHOD AND APPARATUS FOR CHANNEL ACCESS IN WIRELESS LAN SYSTEM**
[54] **PROCEDE ET APPAREIL D'ACCES PAR VOIE DANS UN SYSTEME SANS FIL**
[72] SEOK, YONGHO, KR
[73] LG ELECTRONICS INC., KR
[85] 2015-04-09
[86] 2013-09-27 (PCT/KR2013/008675)
[87] (WO2014/061926)
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[54] **MRI BIOPSY APPARATUS INCORPORATING A SLEEVE AND MULTI-FUNCTION OBTURATOR**
[54] **DISPOSITIF DE BIOPSIE COMPATIBLE AVEC L'IRM COMPRENANT UN MANCHON ET UN OBTURATEUR MULTIFONCTION**
[72] HUGHES, ROBERT J., US
[72] DIETZ, TIMOTHY G., US
[72] ANDREYKO, MICHAEL J., US
[72] CLEM, WILLIAM E., US
[72] ALBINI, MARTIN B., US
[72] TSONTON, MARK, US
[72] HIBNER, JOHN A., US
[72] PYZOHA, JESSICA MARY, US
[72] SWENDSEID, KENT, US
[72] WILKINS, JAY, US
[72] JENKS, GORDON, US
[72] DATTA, KESHAVA, US
[72] MURRAY, MICHAEL A., US
[73] DEVICOR MEDICAL PRODUCTS, INC., US
[86] (2887799)
[87] (2887799)
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[30] US (60/573,510) 2004-05-21
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[54] **PROPELLANTLESS AEROSOL SYSTEM**
[54] **SYSTEME D'AEROSOL SANS PROPULSEUR**
[72] MORRISON, ADAM P., US
[72] MARKLE, KELLY A., US
[73] RUST-OLEUM CORPORATION, US
[85] 2015-04-13
[86] 2013-10-21 (PCT/US2013/065906)
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[25] EN
[54] **TRANSMITTING / RECEIVING SYSTEMS AND BROADCASTING SIGNAL PROCESSING METHOD**
[54] **SYSTEMES DE TRANSMISSION ET DE RECEPTION ET PROCEDE DE TRAITEMENT DE SIGNAUX DE DIFFUSION**
[72] LEE, HYOUNG GON, KR
[72] KIM, BYOUNG GILL, KR
[72] KIM, JEONG WOO, KR
[72] SONG, WON GYU, KR
[72] KWAK, MIN SUNG, KR
[72] SONG, JAE HYUNG, KR
[72] CHOI, IN HWAN, KR
[72] KIM, JIN WOO, KR
[73] LG ELECTRONICS INC., KR
[86] (2888511)
[87] (2888511)
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[54] **ANTI-REVERSE MECHANISM FOR MUD MOTOR**
[54] **MECANISME ANTI-MARCHE ARRIERE POUR MOTEUR A BOUE**
[72] SITKA, MARK A., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-04-15
[86] 2012-12-21 (PCT/US2012/071282)
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[51] **Int.Cl. E05B 65/10 (2006.01) E05B 47/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ELECTROMECHANICALLY RETRACTING A DOOR LATCH**
[54] **APPAREIL ET PROCEDE PERMETTANT DE RETRACTER UN LOQUET DE PORTE DE MANIERE ELECTROMECANIQUE**
[72] MORSTATT, SCOTT G., US
[72] SHARPS, JEFFREY, US
[72] BENITEZ, ANTHONY, US
[73] YALE SECURITY INC., US
[85] 2015-04-16
[86] 2013-10-18 (PCT/US2013/065669)
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[51] **Int.Cl. G06F 3/048 (2013.01) H04W 88/02 (2009.01) G06F 3/0481 (2013.01) G10L 15/26 (2006.01)**
[25] EN
[54] **COMMUNICATION DEVICE AND METHOD FOR RECEIPT AND PRESENTATION OF INPUT AND FEEDBACK**
[54] **DISPOSITIF DE COMMUNICATION ET METHODE DE RECEPTION ET DE PRESENTATION D'ENTREE ET DE RETROACTION**
[72] GREISSON, ERIK ARTUR, SE
[72] JORISCH, PER ERIK ANDERS, SE
[73] BLACKBERRY LIMITED, CA
[86] (2888714)
[87] (2888714)
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[25] EN
[54] **IMPROVED ACOUSTIC RECEPTION**
[54] **RECEPTION ACOUSTIQUE AMELIOREE**
[72] PATTERSON, ROBERT BRICE, US
[72] TILGHMAN, STEPHEN E., US
[72] HOLDEN, DUSTIN ROBERT, US
[72] RODGERS, JOHN PATRICK, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[86] 2013-12-12 (PCT/US2013/074721)
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[30] US (13/725,136) 2012-12-21

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[51] **Int.Cl. B23K 9/09 (2006.01) B23K 9/095 (2006.01)**
[25] EN
[54] **WAVEFORM COMPENSATION SYSTEM AND METHODS FOR COMPENSATION OF INDUCTANCE PHENOMENA IN WELDING CONTROL**
[54] **SYSTEME DE COMPENSATION DE FORME D'ONDE ET PROCEDES DE COMPENSATION DE PHENOMENES D'INDUCTANCE DANS LA COMMANDE DE SOUDAGE**
[72] DAVIDSON, ROBERT R., US
[72] BUNKER, THOMAS A., US
[72] SCHUH, RICHARD, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2015-04-24
[86] 2014-01-16 (PCT/US2014/011937)
[87] (WO2014/120471)
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[51] **Int.Cl. G06F 21/00 (2013.01) H04L 9/00 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR INTERFACING MULTIPLE SERVICE PROVIDER TRUSTED SERVICE MANAGERS AND SECURE ELEMENTS**
[54] **SYSTEMES, PROCEDES ET PRODUITS PROGRAMMES D'ORDINATEUR POUR INTERFACER DE MULTIPLES GESTIONNAIRES DE SERVICE DE CONFIANCE DE FOURNISSEUR DE SERVICE ET DE MULTIPLES ELEMENTS DE SECURITE**
[72] GARGIULO, MICHAEL J., US
[73] GOOGLE INC., US
[85] 2015-05-05
[86] 2013-09-17 (PCT/US2013/060189)
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[51] **Int.Cl. G01D 5/244 (2006.01) G01P 3/489 (2006.01) G01P 21/02 (2006.01)**
[25] EN
[54] **METHOD FOR CALIBRATING A ROTARY ENCODER**
[54] **PROCEDE D'ETALONNAGE D'UN RESOLVEUR**
[72] SCHINDLER, ACHIM, DE
[73] BAUMULLER NURNBERG GMBH, DE
[85] 2015-05-14
[86] 2012-11-14 (PCT/EP2012/004713)
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[51] **Int.Cl. C08J 5/18 (2006.01) C08J 9/00 (2006.01) C08L 53/00 (2006.01) C08F 297/06 (2006.01)**
[25] EN
[54] **SELF-ASSEMBLED STRUCTURE AND MEMBRANE COMPRISING BLOCK COPOLYMER AND PROCESS FOR PRODUCING THE SAME BY SPIN COATING (VIA)**
[54] **STRUCTURE AUTOASSEMBLEE ET MEMBRANE COMPORTANT UN COPOLYMERE SEQUENCE ET PROCEDE DE PRODUCTION ASSOCIE A L'AIDE DE TECHNIQUE DE DEPOT PAR ROTATION (VIA)**
[72] AAMER, KHALED ABDEL-HAKIM HELMY, US
[72] SHI, SELINA, US
[73] PALL CORPORATION, US
[86] (2892416)
[87] (2892416)
[22] 2015-05-15
[30] US (14/292,320) 2014-05-30

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[51] **Int.Cl. E21B 17/10 (2006.01) E21B 17/02 (2006.01) E21B 17/16 (2006.01)**
[25] EN
[54] **TUBULAR CENTRALIZER**
[54] **CENTRALISATEUR DE TUBULURE**
[72] ANGMAN, PER, CA
[73] ANGMAN, PER, CA
[85] 2015-05-26
[86] 2013-11-29 (PCT/CA2013/050919)
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[51] **Int.Cl. F42D 1/00 (2006.01) F42D 99/00 (2009.01) F42B 3/00 (2006.01) F42D 3/04 (2006.01)**
[25] EN
[54] **USE OF POST-BLAST MARKERS IN THE MINING OF MINERAL DEPOSITS**
[54] **UTILISATION DE MARQUEURS POST-EXPLOSION DANS L'EXTRACTION MINIERE DE DEPOTS DE MINERAUX**
[72] SPATHIS, ALEXANDER THEOFILE, AU
[72] DARE-BRYAN, PETER CONRAN, AU
[72] APPLEBY, RODNEY WAYNE, AU
[72] GOODRIDGE, RICHARD JOHN, AU
[73] ORICA EXPLOSIVES TECHNOLOGY PTY LTD, AU
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[25] EN
[54] **FRAMEWORK OF MEDIA-INDEPENDENT PRE-AUTHENTICATION IMPROVEMENTS**
[54] **AMELIORATIONS APPORTEES A UNE STRUCTURE DE PRE-AUTHENTIFICATION INDEPENDANTE DU SUPPORT**
[72] DUTTA, ASHUTOSH, US
[72] FAJARDO, VICTOR, US
[72] OHBA, YOSHIHIRO, US
[72] TANIUCHI, KENICHI, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
[73] TELCORDIA TECHNOLOGIES, INC., US
[86] (2894329)
[87] (2894329)
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[30] US (60/698,949) 2005-07-14
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[51] **Int.Cl. H04N 19/52 (2014.01) H04N 19/157 (2014.01) H04N 19/17 (2014.01) H04N 19/176 (2014.01) H04N 19/46 (2014.01)**
[25] EN
[54] **VIDEO PREDICTION ENCODING DEVICE, VIDEO PREDICTION ENCODING METHOD, VIDEO PREDICTION ENCODING PROGRAM, VIDEO PREDICTION DECODING DEVICE, VIDEO PREDICTION DECODING METHOD, AND VIDEO PREDICTION DECODING PROGRAM**
[54] **DISPOSITIF DE CODAGE VIDEO PAR PREDICTION, PROCEDE DE CODAGE VIDEO PAR PREDICTION, PROGRAMME DE CODAGE VIDEO PAR PREDICTION, DISPOSITIF DE DECODAGE VIDEO PAR PREDICTION, PROCEDE DE DECODAGE VIDEO PAR PREDICTION ET PROGRAMME DE DECODAGE VIDEO PAR PREDICTION**
[72] SUZUKI, YOSHINORI, JP
[72] BOON, CHOONG SENG, JP
[73] NTT DOCOMO, INC., JP
[86] (2895631)
[87] (2895631)
[22] 2012-09-25
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[51] **Int.Cl. H04R 25/00 (2006.01)**
[25] EN
[54] **HEARING AID FITTING SYSTEM AND A METHOD OF FITTING A HEARING AID SYSTEM**
[54] **SYSTEME DE POSE DE PROTHESE AUDITIVE, ET PROCEDE POUR LA POSE D'UN SYSTEME DE PROTHESE AUDITIVE**
[72] WESTERGAARD, ANDERS, DK
[72] ANDERSEN, SVEND VITTING, DK
[73] WIDEX A/S, DK
[85] 2015-06-19
[86] 2012-12-21 (PCT/EP2012/076570)
[87] (WO2014/094866)

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[13] C
[51] **Int.Cl. A45D 34/04 (2006.01) B65D 51/32 (2006.01)**
[25] EN
[54] **TWEEZER TYPE PACKAGE FOR COSMETIC PRODUCT APPLICATION**
[54] **EMBALLAGE TYPE BRUCELLES POUR APPLICATION D'UN PRODUIT COSMETIQUE**
[72] JACOB, CHRISTOPHE, FR
[72] BOUIX, HERVE F., US
[73] ELC MANAGEMENT LLC, US
[85] 2015-06-25
[86] 2013-12-27 (PCT/US2013/078085)
[87] (WO2014/116390)
[30] US (13/746,409) 2013-01-22

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[13] C
[51] **Int.Cl. B41L 47/50 (2006.01)**
[25] EN
[54] **NUMBERING DEVICE FOR TYPOGRAPHIC NUMBERING**
[54] **DISPOSITIF DE NUMEROTATION POUR LA NUMEROTATION TYPOGRAPHIQUE**
[72] WURSCH, ALAIN, CH
[72] MERMINOD, ANTOINE, CH
[73] KBA-NOTASYS SA, CH
[86] (2897069)
[87] (2897069)
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[51] **Int.Cl. C08F 2/10 (2006.01)**
[25] EN
[54] **HIGH MOLECULAR WEIGHT POLYMERIC DISPERSIONS**
[54] **DISPERSIONS POLYMERES DE POIDS MOLECULAIRE ELEVE**
[72] BROCHER, MARKUS, DE
[72] SIEVERLING, NATHALIE, DE
[72] WOEBEL, FRANZ-WOLFGANG, DE
[72] BOEKELO, CHRISTIAN, DE
[73] SOLENIS TECHNOLOGIES CAYMAN, L.P., CH
[85] 2015-07-07
[86] 2014-01-10 (PCT/EP2014/050399)
[87] (WO2014/111316)
[30] EP (13151526.4) 2013-01-16

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[51] **Int.Cl. F04C 2/324 (2006.01) F04B 49/16 (2006.01) F04C 2/22 (2006.01) F04C 14/18 (2006.01) F04C 15/00 (2006.01)**
[25] EN
[54] **VARIABLE DISPLACEMENT PUMP WITH MULTIPLE PRESSURE CHAMBERS**
[54] **POMPE A DEPLACEMENT VARIABLE DOTEE DE MULTIPLES CHAMBRES DE PRESSION**
[72] BOWING, OLIVER, DE
[72] KUTZER, HANS PETER, DE
[73] STACKPOLE INTERNATIONAL ENGINEERED PRODUCTS, LTD., CA
[85] 2015-07-08
[86] 2014-01-15 (PCT/IB2014/000581)
[87] (WO2014/111813)
[30] US (13/742,237) 2013-01-15

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[51] **Int.Cl. A61G 5/00 (2006.01) A61G 5/10 (2006.01) B62B 3/00 (2006.01) B62B 5/00 (2006.01)**
[25] EN
[54] **CARRYING CART FOR SPECIAL NEEDS RIDER**
[54] **CHARIOT DE TRANSPORT POUR UTILISATEUR AYANT DES BESOINS SPECIAUX**
[72] KISER, WILLIAM E., US
[73] TECHNIBILT, LTD., US
[86] (2897566)
[87] (2897566)
[22] 2015-07-16
[30] US (62/025,635) 2014-07-17
[30] US (14/800,232) 2015-07-15

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[13] C
[51] **Int.Cl. G06K 19/07 (2006.01) H04B 1/59 (2006.01) H04B 5/02 (2006.01)**
[25] EN
[54] **AMPLIFIER CIRCUIT, ANTENNA MODULE, AND RADIO COMMUNICATION DEVICE**
[54] **CIRCUIT AMPLIFICATEUR, MODULE D'ANTENNE ET DISPOSITIF DE COMMUNICATION RADIO**
[72] TSUJI, MASAAKI, JP
[72] KAWAHATA, KOJI, JP
[72] TSUKAMOTO, NOBUNARI, JP
[72] OTSUKI, TAKASHI, JP
[73] RICOH COMPANY, LTD., JP
[85] 2015-07-16
[86] 2014-02-04 (PCT/JP2014/052986)
[87] (WO2014/126026)
[30] JP (2013-027730) 2013-02-15
[30] JP (2013-050874) 2013-03-13

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[13] C
[51] **Int.Cl. F02K 3/072 (2006.01) F02C 3/067 (2006.01) F02C 3/107 (2006.01)**
[25] EN
[54] **ENGINE ARCHITECTURE WITH REVERSE ROTATION INTEGRAL DRIVE AND VANELESS TURBINE**
[54] **ARCHITECTURE DE MOTEUR DOTEE D'UN ENTRAINEMENT INTEGRE A ROTATION INVERSE ET D'UNE TURBINE SANS AUBE**
[72] KUHNE, CRAIG MILLER, US
[72] GLYNN, CHRISTOPHER CHARLES, US
[72] VONDRELL, RANDY M., US
[72] BREEZE-STRINGFELLOW, ANDREW, US
[72] MURROW, KURT DAVID, US
[72] ZATORSKI, DAREK T., US
[72] YEAGER, DONALD SCOTT, US
[72] DINSMORE, NICHOLAS ROWE, US
[72] MARTIN, SAMUEL JACOB, US
[72] BRADLEY, DONALD ALBERT, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2015-07-16
[86] 2014-01-14 (PCT/US2014/011434)
[87] (WO2014/113372)
[30] US (61/754,086) 2013-01-18

[11] **2,898,506**
[13] C
[51] **Int.Cl. H01H 85/04 (2006.01) H01H 85/20 (2006.01)**
[25] EN
[54] **MEDIUM VOLTAGE CONTROLLABLE FUSE**
[54] **FUSIBLE COMMANDABLE A MOYENNE TENSION**
[72] HORNE, KEVIN M., US
[73] MERSEN USA NEWBURYPORT-MA, LLC, US
[85] 2015-07-16
[86] 2014-02-12 (PCT/US2014/015929)
[87] (WO2014/158392)
[30] US (13/804,384) 2013-03-14

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[11] **2,899,130**
[13] C
[51] **Int.Cl. G02C 7/02 (2006.01) A61B 3/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING AN EYEGLASS PRESCRIPTION**
[54] **PROCEDE ET SYSTEME PERMETTANT DE DETERMINER UNE PRESCRIPTION DE LUNETTES**
[72] SPRATT, RAY STEVEN, US
[72] KRATZER, TIMO, DE
[73] CARL ZEISS VISION INTERNATIONAL GMBH, DE
[73] CARL ZEISS VISION INC., US
[85] 2015-07-23
[86] 2013-02-11 (PCT/US2013/025584)
[87] (WO2014/123546)

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[13] C
[51] **Int.Cl. C08B 13/00 (2006.01) C08L 1/32 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS WITH ENHANCED PERFORMANCE AND IMPROVED PROCESSABILITY**
[54] **COMPOSITIONS PHARMACEUTIQUES PRESENTANT UNE PERFORMANCE ET UNE USINABILITE AMELIOREES**
[72] BRUGEL, TODD A., US
[72] NGUYEN, TUYEN T., US
[72] SAHOO, SANGRAMA, US
[72] TEWARI, DIVYA, US
[72] ZONG, YUDA, US
[73] HERCULES LLC, US
[85] 2015-07-24
[86] 2014-02-21 (PCT/US2014/017585)
[87] (WO2014/133885)
[30] US (61/771,291) 2013-03-01

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[13] C
[51] **Int.Cl. C07D 513/04 (2006.01) A61K 31/542 (2006.01) A61P 3/10 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **SUBSTITUTED PHENYL HEXAHYDROPYRANO[3,4-D][1,3]THIAZIN-2-AMINE COMPOUNDS**
[54] **COMPOSES SUBSTITUES DE PHENYLHEXAHYDROPYRANO[3,4-D][1,3]THIAZIN-2-AMINE**
[72] BECK, ELIZABETH MARY, US
[72] BRODNEY, MICHAEL AARON, US
[72] BUTLER, CHRISTOPHER RYAN, US
[72] O'NEILL, BRIAN THOMAS, US
[73] PFIZER INC., US
[85] 2015-07-31
[86] 2014-02-04 (PCT/IB2014/058777)
[87] (WO2014/125397)
[30] US (61/765,283) 2013-02-15

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[13] C
[51] **Int.Cl. D04B 1/14 (2006.01) D04B 1/10 (2006.01)**
[25] EN
[54] **METHOD FOR OPTIMIZING CONTACT RESISTANCE IN ELECTRICALLY CONDUCTIVE TEXTILES**
[54] **PROCEDE POUR OPTIMISER UNE RESISTANCE DE CONTACT DANS DES TEXTILES ELECTROCONDUCTEURS**
[72] MCMASTER, SIMON ADAIR, GB
[73] FOOTFALLS AND HEARTBEATS LIMITED, NZ
[85] 2015-08-05
[86] 2014-02-08 (PCT/IB2014/058866)
[87] (WO2014/122619)
[30] US (61/762,346) 2013-02-08

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[13] C
[51] **Int.Cl. A01N 37/02 (2006.01) A01N 37/10 (2006.01) A01N 37/36 (2006.01) A01N 59/00 (2006.01) A01P 1/00 (2006.01) A61L 2/18 (2006.01) C02F 1/76 (2006.01)**
[25] EN
[54] **SYNERGISTIC ANTIMICROBIAL COMBINATIONS CONTAINING CHLORINE DIOXIDE AND ORGANIC ACID USEFUL FOR CONTROLLING MICROORGANISMS IN INDUSTRIAL PROCESSES**
[54] **MELANGES SYNERGIQUES D'ANTIMICROBIENS CONTENANT DU DIOXYDE DE CHLORE ET UN ACIDE ORGANIQUE UTILES POUR LE CONTROLE DE MICRO-ORGANISMES DANS DES PROCEDES INDUSTRIELS**
[72] CONSALO, CORINNE, E., US
[72] CHAPMAN, JOHN, S., US
[73] SOLENIS TECHNOLOGIES CAYMAN, L.P., CH
[85] 2015-08-12
[86] 2014-03-14 (PCT/US2014/027488)
[87] (WO2014/152572)
[30] US (61/790,095) 2013-03-15

[11] **2,901,202**
[13] C
[51] **Int.Cl. E04F 13/24 (2006.01) E04D 3/30 (2006.01) E04D 3/36 (2006.01) E04F 13/12 (2006.01)**
[25] EN
[54] **CONCEALED-FASTENER EXTERIOR CLADDING PANELS FOR BUILDING CONSTRUCTION**
[54] **PANNEAUX DE REVETEMENT EXTERIEUR A FIXATION CACHEE DESTINES A LA CONSTRUCTION DE BATIMENT**
[72] BOOR, PAUL A., US
[73] LESTER BUILDING SYSTEMS, LLC, US
[86] (2901202)
[87] (2901202)
[22] 2015-07-22

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[11] **2,901,482**
[13] C
[51] **Int.Cl. B64C 27/57 (2006.01) B64C 13/18 (2006.01) B64C 27/04 (2006.01) G05D 1/10 (2006.01)**
[25] EN
[54] **ROTORCRAFT AUTOPILOT CONTROL**
[54] **COMMANDE DE PILOTE AUTOMATIQUE D'UN GIRAVION**
[72] GRIFFITH, CARL D., US
[72] ATKINS, BRADY G., US
[72] RAZA, AWAIS, US
[72] WILSON, PAUL M., US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2901482)
[87] (2901482)
[22] 2015-08-21
[30] US (14/465,334) 2014-08-21

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[13] C
[51] **Int.Cl. B62J 27/00 (2006.01) A41D 13/018 (2006.01) B60R 21/16 (2006.01)**
[25] EN
[54] **CRASH PROTECTION SYSTEM**
[54] **SYSTEME DE PROTECTION CONTRE LES ACCIDENTS**
[72] FENYVES, ANDRAS, US
[73] FENYVES, ANDRAS, US
[85] 2015-08-19
[86] 2014-01-29 (PCT/US2014/013530)
[87] (WO2014/130219)
[30] US (61/767,412) 2013-02-21

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[13] C
[51] **Int.Cl. C07K 14/435 (2006.01)**
[25] EN
[54] **MODIFIED CANINE LEPTIN POLYPEPTIDES**
[54] **POLYPEPTIDES DE LEPTINE CANINE MODIFIES**
[72] BLEDSOE, MICHAEL, US
[72] CANNING, PETER CONNOR, US
[72] DEGUZMAN, MICHAEL, US
[72] KNUDSEN, NICK, US
[72] VALENTA, IANINA, US
[73] ELI LILLY AND COMPANY, US
[73] AMBRX, INC., US
[85] 2015-08-19
[86] 2014-03-12 (PCT/US2014/024706)
[87] (WO2014/165189)
[30] US (61/779,337) 2013-03-13

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[13] C
[51] **Int.Cl. F41A 15/16 (2006.01)**
[25] EN
[54] **EJECTOR FOR A FIREARM, AS WELL AS A RECEIVER AND FIREARM HAVING AN EJECTOR**
[54] **DISPOSITIF D'EJECTION POUR ARME A FEU AINSI QUE BOITIER D'ARME ET ARME A FEU EQUIPEE D'UN DISPOSITIF D'EJECTION**
[72] STUSSAK, MARTIN, DE
[73] HECKLER & KOCH GMBH, DE
[85] 2015-08-25
[86] 2014-02-18 (PCT/EP2014/000442)
[87] (WO2014/131496)
[30] DE (10 2013 003 435.3) 2013-02-27

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[13] C
[51] **Int.Cl. A62B 35/00 (2006.01) B66C 15/00 (2006.01) B66C 23/88 (2006.01)**
[25] EN
[54] **FALL PROTECTION APPARATUS WITH A BOOM FOR ATTACHMENT TO A HARNESS AT THE TOP OF A MAST CARRIED ON A SUPPORT BASE**
[54] **APPAREIL DE PROTECTION ANTI-CHUTE A FLECHE DE FIXATION D'UN HARNAIS AU-DESSUS D'UN MAT PORTE SUR UNE BASE DE SUPPORT**
[72] VETESNIK, JAN, CA
[73] TUFFBUILT PRODUCTS INC., CA
[86] (2902953)
[87] (2902953)
[22] 2015-09-08
[30] US (62183964) 2015-06-24

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[13] C
[51] **Int.Cl. E04G 11/06 (2006.01) E04B 2/86 (2006.01) E04C 2/288 (2006.01)**
[25] EN
[54] **IMPROVED INSULATING CONCRETE FORM (ICF) SYSTEM WITH MODULAR TIE MEMBERS AND ASSOCIATED ICF TOOLING**
[54] **SYSTEME DE COFFRAGE DE BETON ISOLANT (ICF) AMELIORE DOTE D'ELEMENTS DE LIAISON MODULAIRES ET OUTILLAGE ICF ASSOCIE**
[72] PFEIFFER, HENRY E., US
[73] ICF MFORM LLC, US
[85] 2015-09-10
[86] 2014-01-10 (PCT/US2014/011151)
[87] (WO2014/158304)
[30] US (13/796,330) 2013-03-12

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[13] C
[51] **Int.Cl. C02F 1/46 (2006.01)**
[25] EN
[54] **METHOD OF NEUTRALIZING BACTERIA IN SULPHUR-CONTAINING HARD WATER IN A WATER HEATER**
[54] **METHODE DE NEUTRALISATION DE BACTERIE DANS L'EAU DURE CONTENANT DU SOUFRE DANS UN CHAUFFE-EAU**
[72] LESAGE, CLAUDE, CA
[73] MICLAU-S.R.I. INC, CA
[86] (2905742)
[87] (2905742)
[22] 2015-09-23

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[11] **2,905,748**
[13] C
[51] **Int.Cl. C08L 83/06 (2006.01)**
[25] EN
[54] **EPOXY POLYSILOXANE RESIN COMPOSITIONS FOR COATINGS**
[54] **COMPOSITIONS DE RESINES EPOXY POLYSILOXANE POUR DES REVETEMENTS**
[72] CHAVAN, VIJAY, US
[72] TOMKO, RICHARD F., US
[72] RAO, MADHUKAR, US
[72] DELANEY, MICHAEL L., US
[73] THE SHERWIN-WILLIAMS COMPANY, US
[85] 2015-09-11
[86] 2014-03-11 (PCT/US2014/022975)
[87] (WO2014/150332)
[30] US (13/839,682) 2013-03-15

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[13] C
[51] **Int.Cl. B26D 1/00 (2006.01) A23N 15/00 (2006.01) B26D 1/12 (2006.01)**
[25] EN
[54] **LATTICE CUTTING MACHINE SYSTEM**
[54] **SYSTEME DE MACHINE DE COUPE A TREILLIS**
[72] NEEL, ALLEN J., US
[72] CAMPION, DAVID, US
[72] BOYD, JASON, US
[72] DELEVE, TRAVIS, US
[72] VOGEN, WAYNE, US
[72] WALKER, DAVID B., US
[73] J.R. SIMPLOT COMPANY, US
[85] 2015-09-11
[86] 2014-03-14 (PCT/US2014/028994)
[87] (WO2014/144537)
[30] US (13/837,753) 2013-03-15

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[13] C
[51] **Int.Cl. G01D 5/353 (2006.01) G01B 11/00 (2006.01) G01V 8/16 (2006.01)**
[25] EN
[54] **MULTIPLEXED FIBER OPTIC SENSING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE DETECTION PAR FIBRES OPTIQUES MULTIPLEXEES**
[72] CHOI, HAN-SUN, US
[72] SAMSON, ETIENNE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-09-18
[86] 2014-04-16 (PCT/US2014/034327)
[87] (WO2014/179073)
[30] US (13/875,707) 2013-05-02

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[13] C
[51] **Int.Cl. A45C 5/02 (2006.01) A45C 13/08 (2006.01) A45C 1/06 (2006.01)**
[25] EN
[54] **STORAGE DEVICE WITH THREE-DIMENSIONAL PROTRUSIONS**
[54] **DISPOSITIF DE STOCKAGE COMPORTANT DES PROTRUSIONS TRIDIMENSIONNELLES**
[72] MORSZECK, DIETER, DE
[73] RIMOWA GMBH, DE
[85] 2015-09-21
[86] 2014-03-28 (PCT/EP2014/056286)
[87] (WO2014/170116)
[30] DE (20 2013 002 981.1) 2013-03-28

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[13] C
[51] **Int.Cl. A23N 15/00 (2006.01) B26D 3/26 (2006.01)**
[25] EN
[54] **APPARATUS FOR CUTTING FOOD PRODUCTS**
[54] **DISPOSITIF DE COUPE DE PRODUITS ALIMENTAIRES**
[72] JACKO, MICHAEL SCOT, US
[72] KLOCKOW, SCOTT ALAN, US
[73] URSCHEL LABORATORIES, INC., US
[85] 2015-09-24
[86] 2014-04-02 (PCT/US2014/032637)
[87] (WO2014/165572)
[30] US (61/807,747) 2013-04-02
[30] US (14/242,377) 2014-04-01

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[13] C
[51] **Int.Cl. B64C 1/12 (2006.01) B64D 11/06 (2006.01)**
[25] EN
[54] **SIDEWALL INTEGRATED ARMREST FOR AIRCRAFT INTERIORS**
[54] **ACCOUDOIR INTEGRE A LA PAROI LATERALE POUR INTERIEURS D'AERONEFS**
[72] MCKEE, JEFFEREY M., US
[72] LIGHTBODY, STEPHANIE N., US
[73] B/E AEROSPACE, INC., US
[85] 2015-09-30
[86] 2014-04-04 (PCT/US2014/033074)
[87] (WO2014/1658[illegible]9)
[30] US (61/808,981) 2013-04-05

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[13] C
[51] **Int.Cl. G07B 15/06 (2011.01) G08G 1/017 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **ELECTRONIC VEHICLE IDENTIFICATION**
[54] **IDENTIFICATION ELECTRONIQUE DE VEHICULES**
[72] HEDLEY, JAY E., US
[72] THORNBURG, NEAL PATRICK, US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2909279)
[87] (2909279)
[22] 2006-06-12
[62] 2,611,379
[30] US (60/689,050) 2005-06-10

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[13] C
[51] **Int.Cl. A61K 9/72 (2006.01) A61K 9/12 (2006.01) A61K 31/137 (2006.01)**
[25] EN
[54] **COMPOSITION COMPRISING SALBUTAMOL SULPHATE**
[54] **COMPOSITION CONTENANT DU SULFATE DE SALBUTAMOL**
[72] CORR, STUART, GB
[72] NOAKES, TIMOTHY JAMES, GB
[73] MEXICHEM AMANCO HOLDING S.A. DE C.V., MX
[85] 2015-10-14
[86] 2014-04-17 (PCT/GB2014/051221)
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[30] GB (1306984.4) 2013-04-17

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[25] EN
[54] **MEANS TO ARRANGE AN EDGE PROTECTION, MEANS AND ARRANGEMENT FOR STRAPPING PACKAGES WITH THE ABOVE MENTIONED MEANS**
[54] **MECANISMES DE DISPOSITION DE PROTECTION DE BORD, MECANISMES ET DISPOSITION SERVANT A EMBALLER DES PAQUETS AU MOYEN DES MECANISMES MENTIONNES**
[72] KASTNER, HANS GUNTHER, DE
[73] SPG PACKAGING SYSTEMS GMBH, DE
[86] (2910308)
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[25] EN
[54] **FUEL CELL SYSTEM, FUEL CELL VEHICLE, AND METHOD OF CONTROLLING FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE, VEHICULE A PILE A COMBUSTIBLE ET METHODE DE COMMANDE D'UN SYSTEME DE PILE A COMBUSTIBLE**
[72] KAKENO, YUJI, JP
[72] NADA, MITSUHIRO, JP
[72] UMAYAHARA, KENJI, JP
[72] NISHIDA, YUSUKE, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2911062)
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[22] 2015-11-03
[30] JP (2014-231646) 2014-11-14
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[54] **FUEL CELL AND FUEL CELL SYSTEM**
[54] **PILE A COMBUSTIBLE ET SYSTEME DE PILE A COMBUSTIBLE**
[72] TAKEYAMA, MAKOTO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2911500)
[87] (2911500)
[22] 2015-11-06
[30] JP (2014-231668) 2014-11-14

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[51] **Int.Cl. H01M 8/04089 (2016.01) H01M 8/04746 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM AND FUEL CELL SYSTEM CONTROL METHOD**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET METHODE DE CONTROLE D'UN SYSTEME DE PILE A COMBUSTIBLE**
[72] MATSUBARA, YASUO, JP
[72] UMAYAHARA, KENJI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2911565)
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[22] 2015-11-06
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[54] **CHARIOT MULTIFONCTION**
[72] BENGTZEN, TROY, US
[73] BENGTZEN, TROY, US
[85] 2015-11-13
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[25] EN
[54] **METHOD AND APPARATUS FOR REMOVING OIL FROM A BODY OF WATER**
[54] **METHODE ET APPAREIL D'ENLEVEMENT D'HUILE D'UN PLAN D'EAU**
[72] BECKER, WILLIAM R., US
[73] BECKER, WILLIAM R., US
[86] (2912895)
[87] (2912895)
[22] 2015-11-20
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[54] **METHODS AND APPARATUS FOR MITIGATING DOWNHOLE TORSIONAL VIBRATION**
[54] **METHODES ET APPAREIL DE REDUCTION DE VIBRATIONS DE TORSION EN FOND DE TROU**
[72] GAJJI, BHARGAV, IN
[72] GAIKWAD, RAHUL RAMCHANDRA, IN
[72] AGARWAL, PUNEET, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-11-19
[86] 2013-07-09 (PCT/US2013/049707)
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[54] **DOWNHOLE TOOL AND METHOD TO BOOST FLUID PRESSURE AND ANNULAR VELOCITY**
[54] **OUTIL ET PROCEDE DE FOND DE PUITS POUR AUGMENTER LA PRESSION DE FLUIDE ET LA VITESSE ANNULAIRE**
[72] MARR, ALAN WILLIAM, GB
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-11-19
[86] 2013-07-16 (PCT/US2013/050731)
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[51] **Int.Cl. H01M 8/0254 (2016.01) H01M 8/2465 (2016.01)**
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[54] **METHOD AND APPARATUS FOR MANUFACTURING SEPARATOR FOR FUEL CELL**
[54] **PROCEDE ET APPAREIL DE FABRICATION DE SEPARATEUR POUR PILE A COMBUSTIBLE**
[72] NUMAO, YASUHIRO, JP
[72] MIYAOKA, HIROSHI, JP
[72] HIRAO, TAKAYUKI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2015-11-23
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[51] **Int.Cl. C05F 17/02 (2006.01) C05F 9/02 (2006.01)**
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[54] **CONTROLLING SYSTEM AND METHOD FOR MAKING COMPOST**
[54] **COMMANDE DE SYSTEME ET METHODE DE FABRICATION DE COMPOST**
[72] LIN, CHIEN-DER, TW
[73] INSTITUTE FOR INFORMATION INDUSTRY, TW
[86] (2913379)
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[22] 2015-11-27
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[25] EN
[54] **GAUGE WHEELS FOR A MULTI-SECTION AGRICULTURAL HEADER**
[54] **ROUES DE JAUGE POUR UN ORGANE DE COUPE AGRICOLE A PLUSIEURS SECTIONS**
[72] NEUDORF, BRENT, CA
[73] MACDON INDUSTRIES LTD., CA
[86] (2913937)
[87] (2913937)
[22] 2015-12-02
[30] US (62/097,202) 2014-12-29

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[51] **Int.Cl. E01H 5/08 (2006.01)**
[25] EN
[54] **METHOD FOR SAFELY ASSEMBLING A SNOW BLOWER COMPRISING A ROTATING DRUM**
[54] **METHODE D'ASSEMBLAGE SECURITAIRE D'UNE SOUFFLEUSE A NEIGE COMPRENANT UN TAMBOUR ROTATIF**
[72] LAMONTAGNE, LOUIS, CA
[72] BUSQUE, MARTIN, CA
[73] RAD TECHNOLOGIES INC., CA
[86] (2914151)
[87] (2914151)
[22] 2015-12-08
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[25] EN
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[54] **1,4-BENZODIAZEPINE-2,5-DIONES ET COMPOSES APPARENTES PRESENTANT DES PROPRIETES THERAPEUTIQUES**
[72] GLICK, GARY D., US
[73] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[86] (2915237)
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[25] EN
[54] **HUMAN-LIKE GLOBAL POSITIONING SYSTEM (GPS) DIRECTIONS**
[54] **INDICATIONS D'UN SYSTEME MONDIAL DE LOCALISATION (GPS) SIMILAIRE A L'HOMME**
[72] KARUMURI, RAM SUMAN, US
[73] FACEBOOK, INC., US
[85] 2015-12-17
[86] 2014-06-23 (PCT/US2014/043571)
[87] (WO2014/209837)
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[25] EN
[54] **VEHICLE-ACTUATED WEATHER BARRIER APPARATUS**
[54] **APPAREIL DE PROTECTION CONTRE LES INTEMPERIES ACTIONNE PAR UN VEHICULE**
[72] DIGMANN, CHARLES, US
[72] KNIESE, LEIF, DE
[72] BANNASCH, RUDOLF, DE
[73] RITE-HITE HOLDING CORPORATION, US
[85] 2015-12-21
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[25] EN
[54] **NOVEL ENCLOSING WALLBOARD FIRM-CONNECTION DEVICE**
[54] **DISPOSITIF NOVATEUR DE RACCORD FERME DE PANNEAU MURAL D'ENCEINTE**
[72] YIN, JIHONG, CN
[72] HU, XIAOCHEN, CN
[72] ZHAO, YUNQI, CN
[72] ZHAO, JIABIN, CN
[73] YIN, JIHONG, CN
[86] (2919897)
[87] (2919897)
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[51] **Int.Cl. G06F 15/16 (2006.01) G06F 9/44 (2006.01) G06F 13/10 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR OBTAINING A CONFIGURATION PROFILE**
[54] **PROCEDE ET SYSTEME D'OBTENTION DE PROFIL DE CONFIGURATION**
[72] MAO, JOSEPH WENHOW, US
[72] SLATER, RICHARD LEE, US
[73] INTUIT INC., US
[85] 2016-01-29
[86] 2013-07-31 (PCT/US2013/053025)
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[25] EN
[54] **CARTRIDGE AND METHOD FOR THE PREPARATION OF BEVERAGES**
[54] **CARTOUCHE ET PROCEDE POUR PREPARER DES BOISSONS**
[72] GOMEZ, MARIA, GB
[72] HALLIDAY, ANDREW, GB
[72] BALLARD, COLIN, GB
[72] PANESAR, SATWINDER, GB
[73] KRAFT FOODS R & D, INC., US
[86] (2920245)
[87] (2920245)
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[25] EN
[54] **NUCLEIC ACID-ENCAPSULATING POLYMER MICELLE COMPLEX AND METHOD FOR PRODUCING SAME**
[54] **COMPLEXE DE MICELLES POLYMERES CONTENANT DE L'ACIDE NUCLEIQUE, ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] KATAOKA, KAZUNORI, JP
[72] OSADA, KENSUKE, JP
[72] TOCKARY, THEOFILUS AGRIOS, JP
[73] JAPAN SCIENCE AND TECHNOLOGY AGENCY, JP
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[51] **Int.Cl. H04W 72/04 (2009.01) H04J 11/00 (2006.01)**
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[54] **RESOURCE ALLOCATION**
[54] **AFFECTATION DE RESSOURCES**
[72] ARNOTT, ROBERT, JP
[72] MITRA, DIPTENDU, JP
[73] NEC CORPORATION, JP
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[51] **Int.Cl. A61B 5/18 (2006.01) A61B 5/024 (2006.01)**
[25] EN
[54] **AROUSAL LEVEL DETERMINATION DEVICE AND COMPUTER-READABLE RECORDING MEDIUM**
[54] **DISPOSITIF DE DETERMINATION DU NIVEAU D'EXCITATION ET SUPPORT D'ENREGISTREMENT LISIBLE PAR UN ORDINATEUR**
[72] NAKANO, YASUHIKO, JP
[72] SANO, SATOSHI, JP
[73] FUJITSU LIMITED, JP
[86] (2922232)
[87] (2922232)
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[51] **Int.Cl. G06F 17/00 (2006.01) G06F 7/00 (2006.01) G06F 17/10 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **METHOD AND SERVER FOR SEARCHING FOR DATA STREAM DIVIDING POINT BASED ON SERVER**
[54] **PROCEDE BASE SUR UN SERVEUR POUR LA RECHERCHE D'UN POINT D'INTERRUPTION D'UN FLUX DE DONNEES, ET SERVEUR**
[72] YU, CHUANSHUAI, CN
[72] ZHANG, CHENGWEI, CN
[72] XU, LINBO, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-03-02
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[87] (WO2015/120645)
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[51] **Int.Cl. G06F 21/35 (2013.01) H04W 12/06 (2009.01)**
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[54] **MOBILE AUTHENTICATION USING A WEARABLE DEVICE**
[54] **AUTHENTIFICATION MOBILE A L'AIDE D'UN DISPOSITIF PORTABLE**
[72] FARRARO, ERIC J., US
[73] EBAY INC., US
[85] 2016-03-07
[86] 2014-09-05 (PCT/US2014/054355)
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[51] **Int.Cl. B65D 71/36 (2006.01)**
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[54] **CARTON AND CARTON BLANK**
[54] **CARTON ET DECOUPE DE CARTON**
[72] WALLING, BRADFORD J., US
[73] WESTROCK PACKAGING SYSTEMS, LLC, US
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[51] **Int.Cl. F16J 15/18 (2006.01) E21B 7/06 (2006.01) F16J 15/26 (2006.01) F16J 15/36 (2006.01) F16J 15/54 (2006.01)**
[25] EN
[54] **ROTARY SEAL ASSEMBLY FOR ACCOMMODATING RADIAL DEFLECTION AND TILTING**
[54] **ENSEMBLE JOINT ROTATIF PRENANT EN CHARGE LA FLECHE ET LE BASCULEMENT RADIAUX**
[72] KIRKHOPE, KENNEDY J., CA
[72] HAGAR, EVERETT PHILIP, CA
[72] D'SILVA, ALBEN, CA
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-07
[86] 2013-12-18 (PCT/CA2013/001064)
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[51] **Int.Cl. A61K 31/05 (2006.01) A61P 31/02 (2006.01)**
[25] EN
[54] **TOPICAL USE OF AN ANTIMICROBIAL FORMULATION**
[54] **USAGE TOPIQUE D'UNE PREPARATION ANTIMICROBIENNE**
[72] LEMIRE, GAETAN, CA
[72] DESRANLEAU DANDURAND, ULYSSE, CA
[72] LETELLIER, ANN, CA
[72] QUESSY, SYLVAIN, CA
[73] LABORATOIRE M2, CA
[85] 2015-08-27
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[30] US (13/790,911) 2013-03-08

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[13] C
[51] **Int.Cl. E21B 17/10 (2006.01) E21B 19/24 (2006.01)**
[25] EN
[54] **DIRECTIONAL CASING-WHILE-DRILLING**
[54] **TUBAGE DIRECTIONNEL PENDANT LE FORAGE**
[72] STRACHAN, MICHAEL JOHN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-02
[86] 2013-12-05 (PCT/US2013/073352)
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[51] **Int.Cl. E21B 21/08 (2006.01) E21B 7/08 (2006.01) E21B 17/02 (2006.01) E21B 23/08 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM FOR DOWNHOLE CASING MILLING SYSTEM**
[54] **SYSTEME DE COMMANDE POUR SYSTEME DE FRAISAGE DE TUBAGE DE FOND DE TROU**
[72] GENDRE, ANDREW S., CA
[72] TELFER, STUART ALEXANDER, GB
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-05-27
[86] 2013-12-31 (PCT/US2013/078468)
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[51] **Int.Cl. A61K 9/58 (2006.01) A61K 31/4458 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS PARTICULARLY FOR TREATMENT OF ATTENTION DEFICIT DISORDER**
[54] **METHODES ET COMPOSITIONS DESTINEES AU TRAITEMENT DU TROUBLE DE DEFICIT D'ATTENTION**
[72] VARGAS RINCON, RICARDO ALBERTO, CA
[72] REIZ, JOSEPH, CA
[73] PURDUE PHARMA, CA
[86] (2936740)
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[51] **Int.Cl. B23K 11/36 (2006.01) B23K 11/30 (2006.01) B23Q 3/155 (2006.01)**
[25] EN
[54] **SPOT WELDING CAP CHANGER**
[54] **CHANGEUR DE CAPSULES DE SOUDAGE PAR POINT**
[72] KAESELER, WERNER, DE
[73] COPPERHEAD INDUSTRIAL INC., CA
[86] (2937276)
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[25] EN
[54] **ORAL CARE COMPOSITIONS**
[54] **COMPOSITIONS DE SOINS BUCCAUX**
[72] WACHSBERG, RICHARD, CA
[72] WACHSBERG, CHARLES, CA
[72] EDWARDS, JOEL, CA
[72] SANDERSON, DEREK, CA
[73] APOLLO HEALTH AND BEAUTY CARE INC., CA
[86] (2938301)
[87] (2938301)
[22] 2016-08-05

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[51] **Int.Cl. B32B 3/28 (2006.01) B64C 3/34 (2006.01)**
[25] EN
[54] **COMPOSITE MATERIAL STRUCTURE**
[54] **STRUCTURE EN MATERIAU COMPOSITE**
[72] ABE, TOSHIO, JP
[72] TAKAGI, KIYOKA, JP
[72] KOYAMA, TAKAYUKI, JP
[72] YOSHINO, KATSUYA, JP
[72] KISHIMOTO, KAZUAKI, JP
[72] SAITO, KOICHI, JP
[72] ISHIDA, TAKASHI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2016-08-03
[86] 2015-01-28 (PCT/JP2015/052407)
[87] (WO2015/119023)
[30] JP (2014-019566) 2014-02-04

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[51] **Int.Cl. B60C 25/05 (2006.01) B60C 25/128 (2006.01) B60C 25/132 *(2006.01)***
[25] EN
[54] **SYSTEM AND METHOD FOR PROCESSING A TIRE-WHEEL ASSEMBLY**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT D'UN ENSEMBLE PNEU/ROUE**
[72] LAWSON, LAWRENCE J., US
[72] CLARK, BARRY ALLAN, US
[72] REECE, ROBERT, US
[72] HICKS, JOSHUA JAMES, US
[73] ANDROID INDUSTRIES LLC, US
[86] (2940477)
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[22] 2012-12-28
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[25] EN
[54] **LIMITED VIEW DYNAMIC MESSAGE SIGN FOR TRAFFIC INFORMATION**
[54] **SIGNAL DE MESSAGE DYNAMIQUE A VISION LIMITEE DESTINE A L'INFORMATION SUR LE TRAFIC**
[72] PERUT, PHILIPPE, US
[73] SES AMERICA INC., US
[86] (2941130)
[87] (2941130)
[22] 2016-09-08
[30] US (62/218937) 2015-09-15

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[13] C
[51] **Int.Cl. A61K 31/485 (2006.01) A61K 9/08 (2006.01) A61K 9/72 (2006.01) *A61M 11/02 (2006.01) A61M 15/08* (2006.01) A61P 25/36 (2006.01)**
[25] EN
[54] **NASAL NALOXONE COMPOSITIONS AND DEVICES**
[54] **COMPOSITIONS NASALES DE NALOXONE ET DISPOSITIFS**
[72] CRYSTAL, ROGER, GB
[72] WEISS, MICHAEL BRENNER, US
[73] OPIANT PHARMACEUTICALS, INC., US
[85] 2016-09-13
[86] 2015-03-16 (PCT/IB2015/000941)
[87] (WO2015/136373)
[30] US (61/953,379) 2014-03-14

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[51] **Int.Cl. H04B 1/46 (2006.01) H04W 4/10 (2009.01) H04B 1/38 (2015.01)**
[25] EN
[54] **METHOD FOR AUTOMATICALLY SWITCHING TO A CHANNEL FOR TRANSMISSION ON A MULTI-WATCH PORTABLE RADIO**
[54] **PROCEDE DE COMMUTATION AUTOMATIQUE A UN CANAL POUR UNE TRANSMISSION SUR UNE RADIO PORTABLE A MODE MULTI-VEILLE**
[72] THAM, MUN YEW, MY
[72] HONG, BING YEE, MY
[72] TANG, TING FOOK, MY
[72] WU, CHIA CHUAN, MY
[73] MOTOROLA SOLUTIONS, INC., US
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[25] EN
[54] **COMMUNICATION PATH CONTROL DEVICE, COMMUNICATION PATH CONTROL SYSTEM, COMMUNICATION PATH CONTROL METHOD AND COMMUNICATION PATH CONTROL PROGRAM**
[54] **DISPOSITIF DE CONTROLE DE CHEMIN DE COMMUNICATION, SYSTEME DE CONTROLE DE CHEMIN DE COMMUNICATION, METHODE DE CONTROLE DE CHEMIN DE COMMUNICATION ET PROGRAMME DE CONTROLE DE CHEMIN DE COMMUNICATION**
[72] HORI, TAKESHI, JP
[73] NEC PLATFORMS, LTD., JP
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[25] EN
[54] **POWER OVER ETHERNET EMERGENCY LIGHTING SYSTEM AND METHOD OF DETECTING POWER LOSS OF A LINK SEGMENT THEREOF**
[54] **SYSTEME D'ECLAIRAGE D'URGENCE A ALIMENTATION PAR ETHERNET ET METHODE DE DETECTION DE PERTE D'ALIMENTATION D'UN SEGMENT DE LIEN ASSOCIE**
[72] CRENSHAW, DAVID, US
[73] IOTA ENGINEERING LLC, US
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[25] EN
[54] **RAIL MOUNTING SYSTEM**
[54] **SYSTEME DE MONTAGE DE BARRE**
[72] KARDAS, JASON CHRISTOPHER, US
[72] KETTERMAN, GREGORY SCOTT, US
[72] DOW, PHILIP JAMES, US
[72] CZARNOWSKI, JAMES TAYLOR, US
[72] BRACKETT, WILLIAM DREW, US
[73] HOBIE CAT COMPANY, US
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[30] US (62/020,045) 2014-07-02
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[54] **SENSOR ARRAY**
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[72] SAMPRONI, JENNIFER A., US
[73] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
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[25] EN
[54] **LASER MEASUREMENT OF A VEHICLE FRAME**
[54] **MESURE AU LASER D'UNE ARMATURE DE VEHICULE**
[72] KNOKE, ROBIN L., US
[72] BRUNK, MATT J., US
[72] FREEMAN, MARK S., US
[72] SCHULZ, MARK W., US
[72] KRAUSE, ERIC J., US
[72] MACKLEM, LEE G., US
[72] ROTH, WILLIAM M., US
[72] DARST, DANIEL, US
[73] INFINITY LASER MEASURING LLC, US
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[25] EN
[54] **SPECTACLES AND METHOD FOR DETERMINING THE CENTRE OF THE PUPIL CENTER OF BOTH OF THE WEARER'S EYES**
[54] **LUNETTES ET METHODE DE DETERMINATION DU CENTRE DU CENTRE DE LA PUPILLE DES DEUX YEUX DE L'UTILISATEUR**
[72] PFLEGER, ERNST, AT
[72] PFLEGER, CHRISTOPH, AT
[73] PFLEGER, ERNST, AT
[73] PFLEGER, CHRISTOPH, AT
[85] 2017-02-23
[86] 2014-05-05 (PCT/AT2014/000107)
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[25] EN
[54] **WELLBORE TRAJECTORY VISUALIZATION AND RANGING MEASUREMENT LOCATION DETERMINATION**
[54] **VISUALISATION DE TRAJECTOIRE DE PUITS DE FORAGE ET DETERMINATION DE POSITION DE MESURE DE TELEMETRIE**
[72] HAY, RICHARD THOMAS, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **MOBILE WELL SERVICING UNITS AND RELATED METHODS**
[54] **MODULES MOBILES D'ENTRETIEN DE PUITS ET METHODES ASSOCIEES**
[72] TOMA, ADAM, CA
[72] YUZYK, FRANCIS, CA
[72] LACIKA, VLADIMIR W., CA
[71] TOMA, ADAM, CA
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[54] **ADJUSTABLE WHEELCHAIR ARRANGEMENTS**
[54] **MECANISMES DE FAUTEUIL ROULANT REGLABLES**
[72] MELGAREJO, MAURICIO, US
[72] NORDQUIST, MICHAEL H., US
[72] MELGAREJO, ALEJANDRO, US
[71] FREEDOM DESIGNS, INC., US
[22] 2016-03-24
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[51] **Int.Cl. C10G 1/04 (2006.01)**
[25] EN
[54] **SOLVENT ADDITION IN WATER BASED OIL SANDS ORE DIGESTION AND PRIMARY EXTRACTION**
[54] **AJOUT DE SOLVANT DANS L'EXTRACTION PRIMAIRE ET LA DIGESTION DE MINERAI DE SABLES BITUMINEUX A BASE D'HUILE**
[72] FOURNIER, JOSEPH, CA
[71] US OIL SANDS INC., CA
[22] 2016-03-24
[41] 2017-09-24

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[51] **Int.Cl. B01D 21/26 (2006.01) B01D 21/01 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING SUSPENSIONS OF MINERAL PARTICLES IN WATER BY CENTRIFUGATION USING A DUAL SYNTHETIC POLYMER TREATMENT**
[54] **METHODE DE TRAITEMENT DES MATIERES EN SUSPENSION DE PARTICULES MINERALES DANS L'EAU PAR CENTRIFUGATION AU MOYEN D'UN TRAITEMENT POLYMERE SYNTHETIQUE DOUBLE**
[72] DANG-VU, TRONG, CA
[72] RAMEY, SCOTT, US
[72] KLEIN, COLIN, CA
[72] DICKSON, KEN, CA
[72] NELSON, AJITH, CA
[71] SNF HOLDING COMPANY, US
[22] 2016-03-24
[41] 2017-09-24

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[13] A1
[51] **Int.Cl. G06Q 50/10 (2012.01)**
[25] EN
[54] **BACKGROUND CHECK SYSTEM**
[54] **SYSTEME DE VERIFICATION D'ANTECEDENT**
[72] MENZIES, KURTIS, CA
[71] 2496192 ONTARIO CORPORATION, CA
[22] 2016-03-24
[41] 2017-09-24

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[51] **Int.Cl. B66B 5/18 (2006.01) B66B 5/16 (2006.01) B66B 19/00 (2006.01) B66B 17/04 (2006.01)**
[25] EN
[54] **EMERGENCY FALL ARRESTING SYSTEM**
[54] **MECANISME D'ARRET D'URGENCE EN CAS DE CHUTE**
[72] DU PREEZ, ANDRE, CA
[71] HORNE CONVEYANCE SAFETY LTD., CA
[22] 2016-03-24
[41] 2017-09-24

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[13] A1
[51] **Int.Cl. H02G 15/007 (2006.01) H02G 3/18 (2006.01) H02G 15/02 (2006.01)**
[25] EN
[54] **GROMMET FOR A CABLE CONNECTOR AND A STRAIN RELIEF CABLE FITTING**
[54] **OEILLET DESTINE A UN CONNECTEUR DE CABLE ET UN RACCORD DE CABLE A LIBERATION DE CONTRAINTE**
[72] MARTINO, FILIPPO, CA
[72] LITTLEFIELD, JEFFREY VINCENT, CA
[71] IPEX TECHNOLOGIES INC., CA
[22] 2016-03-29
[41] 2017-09-29

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[51] **Int.Cl. B01D 21/26 (2006.01) C02F 1/74 (2006.01)**
[25] EN
[54] **APPARATUS FOR REMOVING AND SORTING PARTICULATE AND OTHER MATERIALS FROM FLUID AND FOR REGENERATING WATER**
[54] **APPAREIL D'EXTRACTION ET DE TRI DE PARTICULES ET AUTRES MATIERES D'UN LIQUIDE ET SERVANT A REGENERER L'EAU**
[72] SEAY, LINDA KAREN, CA
[71] SEAY, LINDA KAREN, CA
[22] 2016-03-29
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[51] **Int.Cl. F21V 3/00 (2015.01) F21K 9/00 (2016.01) F21V 21/008 (2006.01) F21V 21/104 (2006.01)**
[25] EN
[54] **LIGHTING ARRANGEMENT**
[54] **DISPOSITIF D'ECLAIRAGE**
[72] YANG, SHAOKUN, CA
[71] KUZCO LIGHTING, CA
[22] 2016-03-29
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[30] US (15079734) 2016-03-24

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[51] **Int.Cl. B25H 3/00 (2006.01) B25H 3/04 (2006.01)**
[25] EN
[54] **HAND TOOL FRAME**
[54] **CADRE D'OUTIL MANUEL**
[72] KAO, JUI-CHIEN, TW
[71] KAO, JUI-CHIEN, TW
[22] 2016-03-29
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[13] A1
[51] **Int.Cl. A47C 19/00 (2006.01) A47C 19/12 (2006.01) A47C 31/00 (2006.01)**
[25] EN
[54] **SEPARATED BOTTOM BED STRUCTURE**
[54] **STRUCTURE DE LIT A BASE SEPAREE**
[72] HUANG, CHI-CHUNG, TW
[71] APEX HEALTH CARE MFG. INC., TW
[22] 2016-03-29
[41] 2017-09-29

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[13] A1
[51] **Int.Cl. B02C 23/08 (2006.01) B02C 25/00 (2006.01) B03B 1/00 (2006.01)**
[25] EN
[54] **MATERIAL PROCESSING PLANT**
[54] **USINE DE TRAITEMENT DE MATERIAUX**
[72] STEMPER, MICHAEL P., US
[72] MUMM, RYAN, US
[72] ROSS, ALEX, US
[72] SAUSER, EDWIN J., US
[71] TEREX USA, LLC, US
[22] 2016-03-29
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[30] US (15/080,112) 2016-03-24

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[51] **Int.Cl. F16P 1/00 (2006.01)**
[25] EN
[54] **SMART WRISTBAND SAFETY WARNING SYSTEM**
[54] **SYSTEME D'AVERTISSEMENT DE SECURITE INTELLIGENT PORTE AU POIGNET**
[72] JEVNE, SHAWN R., CA
[71] JEVNE, SHAWN R., CA
[22] 2016-03-29
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[30] US (15079673) 2016-03-24

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[51] **Int.Cl. B25H 3/00 (2006.01) B25H 3/04 (2006.01)**
[25] EN
[54] **HAND TOOL FRAME**
[54] **CADRE D'OUTIL MANUEL**
[72] KAO, JUI-CHIEN, TW
[71] KAO, JUI-CHIEN, TW
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[51] **Int.Cl. G08G 1/16 (2006.01)**
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[54] **MOTORSENSE**
[54] **DETECTEUR DE MOTEUR**
[72] DARLING, JACKIE, CA
[71] DARLING, JACKIE, CA
[22] 2016-03-30
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[51] **Int.Cl. E01F 9/623 (2016.01)**
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[54] **PLOWTECTOR SYSTEMS**
[54] **SYSTEMES DE PROTECTEUR DE LAME DE CHASSE-NEIGE**
[72] LECLERC, MARC, CA
[71] LECLERC, MARC, CA
[22] 2016-03-30
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[13] A1
[51] **Int.Cl. A01G 7/00 (2006.01) A01G 9/00 (2006.01)**
[25] EN
[54] **PLANT GROWING SET HAVING A SEEDED PELLET OF DRY COMPRESSED SUBSTRATE MATERIAL PACKAGED INSIDE A STAND-UP POUCH**
[54] **TROUSSE DE CROISSANCE DE VEGETAUX COMPORTANT UNE PASTILLE ENSEMENCEE DE MATIERE DE SUBSTRAT COMPRESSE SEC EMBALLE DANS UNE POCHETTE VERTICALE**
[72] VAN GRAAS, ROBERTHUS THEODORUS MARIA, NL
[71] J.W. VAN DER TORRE PENSIOEN B.V., NL
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[41] 2017-09-29

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[51] **Int.Cl. B65D 43/10 (2006.01)**
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[54] **CONTAINER AND LID ASSEMBLY**
[54] **ENSEMBLE DE CONTENANT ET COUVERCLE**
[72] CHARRON, ANDRE, CA
[71] 9065-3395 QUEBEC INC., CA
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[51] **Int.Cl. B65D 25/38 (2006.01)**
[25] EN
[54] **1 AND 4 LITRE OIL BOTTLE**
[54] **BOUTEILLE D'HUILE DE 1 ET 4 LITRES**
[72] UNKNOWN, ZZ
[71] DILLANE, JOHN, CA
[71] PANNELL, ALLISON, CA
[22] 2016-03-31
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[51] **Int.Cl. F23J 13/00 (2006.01) F16K 1/12 (2006.01) F16K 15/02 (2006.01)**
[25] EN
[54] **NON-RETURN VALVE FOR FLUE GAS VENTING AND DAMPER ASSEMBLY FOR USE THEREIN**
[54] **CLAPET ANTIRETOUR DESTINE A L'AERATION DE GAZ DE CARNEAU ET DISPOSITIF D'ATTENUATEUR ASSOCIE AUDIT CLAPET**
[72] LEUNG, MARTIN KWAN YU, CA
[72] MARTINO, FILIPPO, CA
[71] IPEX TECHNOLOGIES INC., CA
[22] 2016-03-30
[41] 2017-09-30

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[51] **Int.Cl. F21K 9/60 (2016.01) F21K 9/64 (2016.01) F21V 9/08 (2006.01) H05K 3/22 (2006.01) F21V 5/04 (2006.01) F21V 7/00 (2006.01)**
[25] EN
[54] **USING WHITE LEDS TO ENHANCE INTENSITY OF COLORED LIGHT FROM COLORED LEDS**
[54] **UTILISATION DE DEL BLANCHES EN VUE D'ACCROITRE L'INTENSITE DE LA LUMIERE COLOREE DE DEL COLOREES**
[72] SERGENESE, STEVEN A., CA
[72] WONG, JERICO, CA
[72] CHUA, RAINIER, CA
[72] ANWER, UMER, CA
[71] SWS WARNING SYSTEMS INC., CA
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[51] **Int.Cl. C09K 8/00 (2006.01) C09K 8/52 (2006.01) C09K 8/72 (2006.01)**
[25] EN
[54] **USING SYNTHETIC ACID COMPOSITIONS AS ALTERNATIVES TO CONVENTIONAL ACIDS IN THE OIL AND GAS INDUSTRY**
[54] **UTILISATION DE COMPOSITIONS D'ACIDE SYNTHETIQUE COMME REMPLACEMENT DES ACIDES CONVENTIONNELS DANS L'INDUSTRIE DU PETROLE ET DU GAZ**
[72] PURDY, CLAY, CA
[72] JAMIESON, ALEXANDER DAVID, CA
[71] FLUID ENERGY GROUP LTD., CA
[22] 2016-03-31
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[25] EN
[54] **SYNTHETIC ACIDS FOR USE IN VARIOUS INDUSTRIAL ACRIVITIES**
[54] **ACIDES SYNTHETIQUES DESTINES A DIVERSES ACTIVITES INDUSTRIELLES**
[72] PURDY, CLAY, CA
[72] JAMIESON, ALEXANDER DAVID, CA
[71] FLUID ENERGY GROUP LTD., CA
[22] 2016-03-31
[41] 2017-09-30

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[13] A1
[51] **Int.Cl. A43B 5/16 (2006.01) A63C 1/22 (2006.01)**
[25] EN
[54] **PROTECTIVE GOALIE SKATE BOOT BODY WITH INTEGRAL BLADE MOUNTING CHANNEL**
[54] **BOTTINE PROTECTRICE DE PATIN DE GARDIEN DE BUT DOTEE D'UN CANAL INTEGRAL D'INSTALLATION DE LAME**
[72] VAN HORNE, SCOTT, CA
[71] VAN HORNE, SCOTT, CA
[22] 2016-03-31
[41] 2017-09-30

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[13] A1
[51] **Int.Cl. A01G 23/091 (2006.01)**
[25] EN
[54] **TILTING SAW BLADE FOR A FELLER HEAD**
[54] **LAME DE SCIE INCLINABLE DESTINEE A UNE TETE D'ABATTEUSE**
[72] BANMAN, FRANZ D., CA
[71] BANMAN, FRANZ D., CA
[22] 2016-03-31
[41] 2017-09-30

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[13] A1
[51] **Int.Cl. B60S 1/04 (2006.01)**
[25] EN
[54] **WIPER ASSEMBLY FOR A WINDSHIELD OF A VEHICLE**
[54] **ENSEMBLE D'ESSUIE-GLACE DESTINE AU PARE-BRISE D'UN VEHICULE**
[72] ROY, NICOLAS, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
[22] 2016-03-31
[41] 2017-09-30

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[13] A1
[51] **Int.Cl. A62B 35/00 (2006.01)**
[25] EN
[54] **A LIFE SAFETY LOWERING SYSTEM FOR A VESSEL AND METHOD OF OPERATION**
[54] **UN SYSTEME DE DESCENTE DE SECURITE DES PERSONNES DESTINE A UNE EMBARCATION ET MODE D'EXPLOITATION**
[72] PETTINGER, CHRIS, CA
[71] CESTA CANADIAN EMERGENCY SUPPLY & TRAINING ASSOCIATES INC., CA
[22] 2016-03-31
[41] 2017-09-30
[30] US (15/088,104) 2016-03-31

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[13] A1
[51] **Int.Cl. E02D 29/02 (2006.01)**
[25] EN
[54] **RETAINING WALL SYSTEM, METHOD OF SUPPORTING SAME, AND KIT FOR USE IN CONSTRUCTING SAME**
[54] **SYSTEME DE MUR DE SOUTENEMENT, METHODE DE SOUTIEN DUDIT SYSTEME ET TROUSSE DESTINEE A LA CONSTRUCTION DUDIT SYSTEME**
[72] MCINTOSH, ROBERT GORDON, CA
[72] LOATES, BRENT LESTER PAUL, CA
[72] BUCHAN, CALUM JAMES, CA
[71] MCINTOSH, ROBERT GORDON, CA
[71] LOATES, BRENT LESTER PAUL, CA
[71] BUCHAN, CALUM JAMES, CA
[22] 2016-04-01
[41] 2017-09-30
[30] US (15/085671) 2016-03-30

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[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 5/10 (2006.01)**
[25] EN
[54] **MAIZE HYBRID X85H793**
[54] **MAIS HYBRIDE X85H793**
[72] CARRIGAN, LORI LISA, US
[72] KING, STEVEN PAUL, CA
[72] SZALMA, STEPHEN JOSEPH, US
[72] WALCH, MATTHEW DAVID, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2016-03-31
[41] 2017-09-30

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[13] A1
[51] **Int.Cl. G07F 17/32 (2006.01) A63F 13/80 (2014.01)**
[25] EN
[54] **GAMING DEVICE FOR UPDATING GAME PLAY IN REAL-TIME**
[54] **APPAREIL DE JEU DESTINE A L'ACTUALISATION DU JEU EN TEMPS REEL**
[72] FROY, DAVID VINCENT, CA
[72] IDRIS, FAYEZ, CA
[72] BONSON, JESSICA PAULI DE CASTRO, BR
[72] MCINTYRE, ANDREW RYAN, CA
[71] IGT CANADA SOLUTIONS ULC, CA
[22] 2016-03-31
[41] 2017-09-30

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[13] A1
[51] **Int.Cl. B60H 1/24 (2006.01) F16K 17/02 (2006.01) F16K 24/04 (2006.01)**
[25] EN
[54] **PRESSURE RELIEF VALVE FOR AUTOMOBILE**
[54] **SOUPAPE DE DETENTE DESTINEE A UNE AUTOMOBILE**
[72] MOHANY, ATEF, CA
[71] WEGU MANUFACTURING INC., CA
[22] 2016-03-31
[41] 2017-09-29
[30] US (15/083,930) 2016-03-29

[21] **2,926,037**
[13] A1
[51] **Int.Cl. C05G 3/02 (2006.01) C05G 3/06 (2006.01)**
[25] EN
[54] **WEED CONTROL AND FERTILIZER**
[54] **CONTROLE DES MAUVAISES HERBES ET FERTILISANT**
[72] WOLFE, BRADLEY T., US
[71] ONE EARTH ORGANICS, LLC, US
[22] 2016-04-05
[41] 2017-09-30
[30] US (15/085,061) 2016-03-30

[21] **2,927,306**
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[51] **Int.Cl. H02G 3/08 (2006.01)**
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[54] **ENSEMBLE DE BOITIER D'INTERRUPTEURS ELECTRIQUES**
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[54] **AUTHENTIFIANTS VERIFIABLES PORTATIFS ET METHODES ASSOCIEES**
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[54] **ARBRE A ASSEMBLAGE RAPIDE MULTIFILAIRE**
[72] LEUNG, CHI YIN ALAN, CN
[72] HE, CHANG JUN, CN
[72] KWOK, CHI KIN SAMUEL, CN
[71] POLYGROUP MACAU LIMITED (BVI), VG
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[54] **CELLULE ESTAMPEE A CHAUD**
[72] LIVINGSTONE, GREG, CA
[72] LEHN, NORM, CA
[72] BENOIT, MIKE, CA
[71] THE ELECTROMAC GROUP, INC., CA
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[54] **WATER PITCHER, ADAPTER, AND FILTER SYSTEM**
[54] **PICHET D'EAU, ADAPTATEUR ET SYSTEME DE FILTRE**
[72] BENOIT, KAITLYN M., US
[72] COOPER, DAVID P., US
[72] GREGORY, CHRISTOPHER A., US
[72] PETERS, JOSEPH R., US
[71] WHIRLPOOL CORPORATION, US
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[72] ADAMS, WILLIAM E., IV, US
[72] GOODWORTH, MATTHEW, US
[72] HARPER, KEVIN A., US
[72] SNIR, SHLOMO, US
[71] ADAMS MFG. CORP., US
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[54] **COMPOSITE STRUCTURES WITH STIFFENERS AND METHOD OF MAKING THE SAME**
[54] **STRUCTURES EN COMPOSITE DOTEES DE RENFORTS ET METHODE DE FABRICATION ASSOCIEE**
[72] BURNS, LAUREN ANNE, US
[72] GLYNN, ANDREW KENNETH, US
[72] LOCKETT, PETER J., US
[72] OSBORNE, MAX MARLEY, US
[72] POOK, DAVID ANDREW, US
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[72] MEURE, SAMUEL JAMES, US
[71] THE BOEING COMPANY, US
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[54] **LIFT APPARATUS FOR DRIVING A DOWNHOLE RECIPROCATING PUMP**
[54] **APPAREIL DE LEVAGE DESTINE A ENTRAINER UNE POMPE ALTERNATIVE DE FOND DE TROU**
[72] MCCARTHY, DAN, CA
[71] I-JACK TECHNOLOGIES INC., CA
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[54] **GARMENT ACCESSORY ATTACHMENT MECHANISM**
[54] **MECANISME DE FIXATION D'ACCESSOIRE VESTIMENTAIRE**
[72] FUDEM, LARRY, CA
[71] WOLFIE FURS INC., CA
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[54] **DRILL ATTACHMENT STORAGE DEVICE**
[54] **DISPOSITIF DE RANGEMENT D'ACCESSOIRE DE FORAGE**
[72] DA ROSA, MANUEL, CA
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[54] **GROMMET FOR A CABLE CONNECTOR AND A STRAIN RELIEF CABLE FITTING HAVING AN INSERT**
[54] **OEILLET DESTINE A UN CONNECTEUR DE CABLE ET UN RACCORD DE CABLE A LIBERATION DE CONTRAINTE COMPORTANT UNE INSERTION**
[72] MARTINO, FILIPPO, CA
[72] LITTLEFIELD, JEFFREY VINCENT, CA
[71] IPEX TECHNOLOGIES INC., CA
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[54] **WINDMILL SYNCHRONIZATION IN AN ELECTRIC PROPULSION SYSTEM**
[54] **SYNCHRONISATION DE MOULIN A VENT DANS UN SYSTEME DE PROPULSION ELECTRIQUE**
[72] ARMSTRONG, MICHAEL JAMES, US
[72] BLACKWELDER, MARK JON, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
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[54] **VANNES DE DEBIT SORTANT DE RECUPERATION DE POUSSEE DESTINEES A UN AERONEF**
[72] TRETOW, PAUL R., US
[72] WILLIE, ROBERT H., US
[72] FERRAIOLO, NICHOLAS R., US
[71] THE BOEING COMPANY, US
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[54] **TRAITEMENT DE DONNEES DE CAPTEUR DESTINE AUX SYSTEMES DE SURVEILLANCE DE CONDITION**
[72] GANG, TRAVIS, US
[72] CARINI, PETER, US
[72] SOPKO, RICHARD JOSEPH, US
[71] SIMMONDS PRECISION PRODUCTS, INC., US
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[54] **SYSTEME D'ALERTE D'ARRET THERMIQUE IMMINENT ET PROCEDE D'ARRET THERMIQUE**
[72] NIKOU, MILAD PASHAPOUR, US
[72] KNOENER, CRAIG STEVEN, US
[72] HELEIN, DANIEL JAMES, US
[72] MANTHE, ALAN, US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **SYSTEME DE TYPE SOUDAGE EQUIPE DE MATERIEL PROGRAMMABLE SUR PLACE**
[72] ULRICH, JAMES, US
[72] BROWN, BRIAN, US
[72] BOLLERMAN, ERIC, US
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[54] **WELDING-TYPE SYSTEMS AND USER INTERFACES HAVING A COLOR DISPLAY FOR DISPLAYING PHYSICAL SETUP INSTRUCTIONS**
[54] **SYSTEMES DE TYPE SOUDAGE ET INTERFACES UTILISATEUR A AFFICHAGE COULEUR SERVANT A AFFICHER LES INSTRUCTIONS D'INSTALLATION PHYSIQUE**
[72] KNOENER, CRAIG STEVEN, US
[72] DESSART, NICHOLAS JAMES, US
[72] MUELLER, EMILY ROSE, US
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[54] **ASSEMBLAGE DE PARCOURS D'ECOULEMENT DESTINE A UNE TURBINE A GAZ**
[72] CORSMEIER, DONALD MICHAEL, US
[72] FARRAR, BRYAN HARRIS, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **THRUST REVERSER HONEYCOMB PANEL LOAD DISTRIBUTION SYSTEMS AND METHODS**
[54] **SYSTEMES DE DISTRIBUTION DE CHARGE A PANNEAU ALVEOLE POUR INVERSEUR DE POUSSEE ET METHODES**
[72] KLESHCHEV, FEDOR, US
[72] THOMAS, KYLE, US
[72] TUNG, BILLY P., US
[72] MAFFEO, MICHAEL, US
[72] FARRELL, ROBERT SHAUN, US
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[54] **SIEGE PLIANT PROFILE**
[72] FERGUSON, KEITH M., US
[71] AMI INDUSTRIES, INC., US
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[54] **COMMANDE RECONFIGURABLE DE CAPTEURS NUMERIQUES**
[72] CARINI, PETER, US
[72] FITZHUGH, CHRISTOPHER, US
[71] SIMMONDS PRECISION PRODUCTS, INC., US
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[54] **SUBGRADE PEAT STABILISATION SYSTEM FOR RAILWAY**
[54] **SYSTEME DE STABILISATION DE MOUSSE DE PLATE-FORME**
[72] MAKI, GORDON C., CA
[71] TBT ENGINEERING LIMITED, CA
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[54] **HEATED WRITING DEVICE FOR USE WITH THERMOCHROMATIC INK**
[54] **DISPOSITIF D'ECRITURE CHAUFFE DESTINE A UNE UTILISATION AVEC UNE ENCRE THERMOCHROMATIQUE**
[72] SCHWENDIMANN, JODI A., US
[72] MAKSIMOSKI, RICHARD, US
[71] NUCOAT, INC., US
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[54] **LASER PEENING PROCESSING DEVICE AND LASER PEENING PROCESSING METHOD**
[54] **APPAREIL DE TRAITEMENT PAR MARTELAGE AU LASER ET METHODE DE TRAITEMENT PAR MARTELAGE AU LASER**
[72] NAKANO, MAYU, JP
[72] ADACHI, TAKAFUMI, JP
[71] FUJI JUKOGYO KABUSHIKI KAISHA, JP
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[54] **SOUND ATTENUATING BAFFLE INCLUDING A NON-ERODING LINER SHEET**
[54] **CHICANE ATTENUANT LE SON COMPORTANT UNE PELLICULE DE DOUBLURE ANTI EROSION**
[72] MOURATIDIS, EMANUEL, CA
[71] VAW SYSTEMS LTD., CA
[22] 2017-02-14
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[54] **DEBRIS CONTROL APPARATUS FOR CUTTING MACHINES**
[54] **APPAREIL DE CONTROLE DES DEBRIS DESTINE AUX MACHINES DE COUPE**
[72] CHEPURNY, MARK P., CA
[71] CHEPURNY, MARK P., CA
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[54] **SYSTEM AND METHOD FOR AUTOMATED END-TO-END WEB INTERACTION TESTING**
[54] **SYSTEME ET METHODE DE TEST AUTOMATISE D'INTERACTION WEB DE BOUT EN BOUT**
[72] KULKARNI, ALOK, AU
[72] WILLSHIRE, GEOFF, AU
[71] CYARA SOLUTIONS PTY LTD., AU
[22] 2017-02-17
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[30] US (15/083,259) 2016-03-28

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[25] EN
[54] **METHODS AND APPARATUS FOR FORMING AND INSTALLING INSULATION BLANKETS IN A VEHICLE COMPARTMENT**
[54] **METHODES ET APPAREIL DE FACONNAGE ET INSTALLATION DE COUVERTURES D'ISOLATION DANS UN COMPARTIMENT DE VEHICULE**
[72] BORUMAND, KHASHAYAR, US
[71] THE BOEING COMPANY, US
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[54] **SYSTEM ARCHITECTURE FOR BATTERY CHARGER BASED ON GAN-BASED POWER DEVICES**
[54] **ARCHITECTURE DE SYSTEME DESTINEE A UN CHARGEUR DE BATTERIE FONDEE SUR DES DISPOSITIFS DE PUISSANCE A GAN**
[72] SOLODOVNIK, EUGENE V., US
[72] KARIMI, KAMIAR J., US
[71] THE BOEING COMPANY, US
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[54] **VALVE OPERATING APPARATUS FOR INTERNAL COMBUSTION ENGINE**
[54] **APPAREIL FONCTIONNANT A SOUPAPE DESTINE A UN MOTEUR A COMBUSTION INTERNE**
[72] IKEBE, YOSHIYUKI, JP
[72] YOKOTA, HIROSHI, JP
[72] NOJIMA, SATORU, JP
[71] HONDA MOTOR CO., LTD., JP
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[25] EN
[54] **AIR CLEANER FOR VEHICLE**
[54] **ASSAINISSEUR D'AIR DE VEHICULE**
[72] KONTANI, MASAHIRO, JP
[72] KOJIKA, KEN, JP
[72] DEGUCHI, TOSHIAKI, JP
[72] TAKAHASHI, YOICHI, JP
[71] HONDA MOTOR CO., LTD., JP
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[25] EN
[54] **METHOD AND COMPOSITION FOR IMPROVING THE COMBUSTION OF AVIATION FUELS**
[54] **METHODE ET COMPOSITION DESTINEES A L'AMELIORATION DE LA COMBUSTION DES CARBURANTS D'AVIATION**
[72] FACTOR, STEPHEN A., US
[72] MCAFEE, ZACHARY JOHN, US
[72] CALDERONE, JOSPEH ANTHONY, III, US
[71] AFTON CHEMICAL CORPORATION, US
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[54] **AVIATION FUEL ADDITIVE SCAVENGER**
[54] **PIEGEUR D'ADDITIF DE CARBURANT D'AVIATION**
[72] MCAFEE, ZACHARY JOHN, US
[72] CALDERONE, JOSEPH ANTHONY, III, US
[71] AFTON CHEMICAL CORPORATION, US
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[25] EN
[54] **METHODS AND APPARATUS TO CONTROL HOT-START WELD CURRENT FOR ARC IGNITION**
[54] **METHODES ET APPAREIL DE CONTROLE DE COURANT DE SOUDAGE A DEMARRAGE A CHAUD DESTINE A L'ALLUMAGE D'ARC**
[72] KNOENER, CRAIG STEVEN, US
[72] MACMULLEN, ZACH, US
[72] TYLER, CHARLES ACE, US
[72] JOHNSON, LUCAS CHARLES, US
[71] ILLINOIS TOOL WORKS INC., US
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[25] EN
[54] **METHODS AND APPARATUS TO CONTROL ADVANCEMENT OF A WELDING ELECTRODE WIRE FOR ARC IGNITION**
[54] **METHODES ET APPAREIL DE CONTROLE DE L'AVANCEMENT D'UN FIL D'ELECTRODE DE SOUDAGE DESTINE A L'AMORCAGE**
[72] KNOENER, CRAIG STEVEN, US
[72] MACMULLEN, ZACH, US
[72] TYLER, CHARLES ACE, US
[72] JOHNSON, LUCAS CHARLES, US
[71] ILLINOIS TOOL WORKS INC., US
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[25] EN
[54] **CLAMPING ARRANGEMENT WITH ELASTOMERIC RETAINING MEMBER**
[54] **DISPOSITION DE PINCEMENT DOTEE D'UN ELEMENT DE RETENUE ELASTOMERE**
[72] NOEL, CRAIG, US
[71] COOPER-STANDARD AUTOMOTIVE INC., US
[22] 2017-03-06
[41] 2017-09-30
[30] US (15/369,002) 2016-12-05
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[25] EN
[54] **VEHICLE MOUNTED LOADING AND UNLOADING APPARATUS**
[54] **APPAREIL DE CHARGEMENT ET DECHARGEMENT INSTALLE SUR VEHICULE**
[72] ZERBST, JAMES E., US
[71] ZERBST, JAMES E., US
[22] 2017-03-07
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[30] US (15/082,491) 2016-03-28

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[51] **Int.Cl. C09D 7/12 (2006.01)**
[25] EN
[54] **AQUEOUS COMPOSITIONS HAVING POLYALKOXYLATE SALTS FOR IMPROVED OPEN TIME**
[54] **COMPOSITIONS AQUEUSES RENFERMANT DES SELS DE POLYALCOXYLATE DESTINEES A L'AMELIORATION DU TEMPS OUVERT**
[72] BALIJEPALLI, SUDHAKAR, US
[72] KRASOVSKIY, ARKADY L., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[22] 2017-03-07
[41] 2017-09-28
[30] US (62/314,021) 2016-03-28

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[51] **Int.Cl. B64D 11/02 (2006.01) B64F 5/30 (2017.01) A47L 11/00 (2006.01) B64D 47/00 (2006.01) E03D 9/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CLEANING A LAVATORY FLOOR**
[54] **SYSTEMES ET METHODES DE NETTOYAGE D'UN PLANCHER DE LOCAUX SANITAIRES**
[72] CHILDRESS, JAMIE, US
[71] THE BOEING COMPANY, US
[22] 2017-03-07
[41] 2017-09-30
[30] US (62/315,999) 2016-03-31
[30] US (15/175,254) 2016-06-07

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[13] A1
[51] **Int.Cl. B64D 11/02 (2006.01) B64F 5/30 (2017.01) A47L 11/00 (2006.01) B64D 47/00 (2006.01) B65G 15/00 (2006.01) B66B 31/00 (2006.01) E04B 5/43 (2006.01) E04F 15/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUTOMATICALLY CLEANING A LAVATORY FLOOR**
[54] **SYSTEMES ET METHODES DE NETTOYAGE AUTOMATIQUE D'UN PLANCHER DE LOCAUX SANITAIRES**
[72] JENSEN, CHARLES C., US
[71] THE BOEING COMPANY, US
[22] 2017-03-07
[41] 2017-09-30
[30] US (62/316,012) 2016-03-31
[30] US (15/176,323) 2016-06-08

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[13] A1
[51] **Int.Cl. G03G 9/083 (2006.01)**
[25] EN
[54] **TONER COMPOSITIONS FOR MAGNETIC INK CHARACTER RECOGNITION**
[54] **COMPOSITIONS D'ENCRE SECHE DESTINEES A LA RECONNAISSANCE DE CARACTERE A L'ENCRE MAGNETIQUE**
[72] MORALES-TIRADO, JUAN A., US
[71] XEROX CORPORATION, US
[22] 2017-03-07
[41] 2017-09-25
[30] US (15/081136) 2016-03-25

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[13] A1
[51] **Int.Cl. A01G 23/06 (2006.01) A01G 23/00 (2006.01)**
[25] EN
[54] **VEGETATION CLEARING IMPLEMENTS**
[54] **ACCESSOIRES DE NETTOYAGE DE VEGETATION**
[72] PENNER, JEFFREY RYAN, CA
[71] PENNER, JEFFREY RYAN, CA
[22] 2017-03-07
[41] 2017-09-24
[30] US (62/312,820) 2016-03-24

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[13] A1
[51] **Int.Cl. G09F 17/00 (2006.01)**
[25] EN
[54] **BANNER SUPPORT ASSEMBLY**
[54] **MECANISME DE SUPPORT DE BANNIERE**
[72] ASHWORTH, RICK, CA
[72] KOBRYN, SCOTT, CA
[71] WHEELS AUTOMOTIVE DEALER SUPPLIES INC., CA
[22] 2017-03-08
[41] 2017-09-30
[30] US (62/316,026) 2016-03-31

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[13] A1
[51] **Int.Cl. F16D 67/00 (2006.01) B64C 13/24 (2006.01) F16D 3/10 (2006.01)**
[25] EN
[54] **TORQUE LIMITING DEVICE**
[54] **DISPOSITIF LIMITEUR DE COUPLE**
[72] DAVIES, STEPHEN, GB
[71] GOODRICH ACTUATION SYSTEMS LIMITED, GB
[22] 2017-03-06
[41] 2017-09-24
[30] EP (16162452.3) 2016-03-24

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[13] A1
[51] **Int.Cl. C08L 101/00 (2006.01) C08J 3/03 (2006.01) C08K 5/06 (2006.01) C08L 71/02 (2006.01) C09D 7/12 (2006.01)**
[25] EN
[54] **AQUEOUS COMPOSITIONS HAVING POLYALKOXYLATES FOR IMPROVED OPEN TIME**
[54] **COMPOSITIONS AQUEUSES RENFERMANT DES POLYALCOXYLATES DESTINEES A L'AMELIORATION DU TEMPS OUVERT**
[72] BALIJEPALLI, SUDHAKAR, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[22] 2017-03-07
[41] 2017-09-28
[30] US (62/314,024) 2016-03-28

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[51] **Int.Cl. B64D 11/02 (2006.01) B64F 5/30 (2017.01) A47L 11/00 (2006.01) B64D 47/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CLEANING INTERIOR PORTIONS OF A VEHICLE**
[54] **SYSTEMES ET METHODES DE NETTOYAGE DE PORTIONS INTERIEURES D'UN VEHICULE**
[72] BROWN, DOUGLAS ALAN, US
[72] HILLS, KAREN L., US
[71] THE BOEING COMPANY, US
[22] 2017-03-07
[41] 2017-09-30
[30] US (62/315994) 2016-03-31
[30] US (15/175239) 2016-06-07

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[13] A1
[51] **Int.Cl. A61B 34/10 (2016.01) A61B 17/03 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF GENERATING A MODEL AND SIMULATING AN EFFECT ON A SURGICAL REPAIR SITE**
[54] **SYSTEME ET METHODE DE PRODUCTION D'UN MODELE ET DE SIMULATION D'UN EFFET SUR UN SITE DE REPARATION CHIRURGICALE**
[72] TURQUIER, FREDERIC, FR
[72] NOVACEK, VIT, FR
[72] BELZACQ, TRISTAN, FR
[72] GUERIN, GAETAN, FR
[71] SOFRADIM PRODUCTION, FR
[22] 2017-03-10
[41] 2017-09-24
[30] EP (16305341.6) 2016-03-24

[21] **2,960,875**
[13] A1
[51] **Int.Cl. F02C 9/18 (2006.01) F01D 17/08 (2006.01)**
[25] EN
[54] **SECONDARY AIRFLOW PASSAGE FOR ADJUSTING AIRFLOW DISTORTION IN GAS TURBINE ENGINE**
[54] **PASSAGE D'ECOULEMENT D'AIR SECONDAIRE SERVANT A AJUSTER LA DISTORSION D'ECOULEMENT D'AIR DANS UNE TURBINE A GAZ**
[72] NESTICO, BRIAN FRANCIS, US
[72] KESTNER, BRIAN K., US
[72] MILLER, BRANDON WAYNE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-03-16
[41] 2017-09-30
[30] US (15/084,966) 2016-03-30

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[13] A1
[51] **Int.Cl. F24F 13/02 (2006.01) F16L 23/14 (2006.01)**
[25] EN
[54] **FLANGE AND METHOD OF ATTACHING FLANGE PORTIONS TO DUCT MEMBERS**
[54] **BRIDE ET METHODE DE FIXATION DE PORTIONS DE BRIDE A DES ELEMENTS DE CANALISATION**
[72] YOSKOWITZ, DAVID, US
[71] CAPITAL HARDWARE SUPPLY, INC., US
[22] 2017-03-16
[41] 2017-09-28
[30] US (62/314,198) 2016-03-28

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[13] A1
[51] **Int.Cl. F04B 47/00 (2006.01) E21B 43/12 (2006.01) F04B 47/02 (2006.01) F16B 7/00 (2006.01) F16B 21/04 (2006.01) F16B 21/07 (2006.01)**
[25] EN
[54] **ARTIFICIAL LIFT SYSTEM AND AN ASSOCIATED METHOD THEREOF**
[54] **SYSTEME DE LEVAGE ARTIFICIEL ET UNE METHODE ASSOCIEE**
[72] REEVES, BRIAN PAUL, US
[72] HARTMAN, GRANT LYNN, US
[72] BRUE, DANIEL, US
[72] ACACIO, VICTOR JOSE, US
[72] KELSO, SEAN ANDREW, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-03-16
[41] 2017-09-30
[30] US (15/084,519) 2016-03-30

[21] **2,960,900**
[13] A1
[51] **Int.Cl. B29C 70/30 (2006.01)**
[25] EN
[54] **DEVICE FOR APPLICATION OF COMPOSITE MATERIALS**
[54] **DISPOSITIF D'APPLICATION DE MATERIAUX COMPOSITES**
[72] SINHA, SHATIL, US
[72] BOLLACKER, JAMES DUVALL, US
[72] HOCKEMEYER, MATTHEW HARPER, US
[72] GARG, NITIN, US
[72] JEONG, YOUNKOO, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-03-16
[41] 2017-09-24
[30] US (15/079,200) 2016-03-24

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[13] A1
[51] **Int.Cl. F01D 17/08 (2006.01) F01D 9/02 (2006.01) F02C 9/16 (2006.01)**
[25] EN
[54] **TRANSLATING INLET FOR ADJUSTING AIRFLOW DISTORTION IN GAS TURBINE ENGINE**
[54] **TRANSLATION D'ENTREE SERVANT A AJUSTER LA DISTORSION D'ECOULEMENT D'AIR DANS UNE TURBINE A GAZ**
[72] NESTICO, BRIAN FRANCIS, US
[72] KESTNER, BRIAN K., US
[72] MILLER, BRANDON WAYNE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-03-16
[41] 2017-09-30
[30] US (15/085,047) 2016-03-30

[21] **2,960,915**
[13] A1
[51] **Int.Cl. B23H 1/00 (2006.01) B23H 11/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MACHING WORKPIECE**
[54] **METHODE ET APPAREIL D'USINAGE DE PIECE DE TRAVAIL**
[72] GAO, QING, CN
[72] YUAN, RENWEI, CN
[72] WEAVER, HOWARD PAUL, US
[72] ADRIAN, RICHARD LEIGH, US
[72] CHEN, XIAOBIN, CN
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-03-16
[41] 2017-09-30
[30] CN (201610191987.9) 2016-03-30

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[13] A1
[51] **Int.Cl. F02C 3/13 (2006.01) F02C 9/18 (2006.01)**
[25] EN
[54] **VALVED AIRFLOW PASSAGE ASSEMBLY FOR ADJUSTING AIRFLOW DISTORTION IN GAS TURBINE ENGINE**
[54] **PASSAGE D'ECOULEMENT D'AIR SECONDAIRE DOTE D'UNE VANNE SERVANT A AJUSTER LA DISTORSION D'ECOULEMENT D'AIR DANS UNE TURBINE A GAZ**
[72] NESTICO, BRIAN FRANCIS, US
[72] KESTNER, BRIAN K., US
[72] MILLER, BRANDON WAYNE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-03-16
[41] 2017-09-30
[30] US (15/084,898) 2016-03-30

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[13] A1
[51] **Int.Cl. A61B 6/03 (2006.01)**
[25] EN
[54] **GANTRY SYSTEM WITH SUPPORT WHEELS**
[54] **MECANISME DE SUPPORT MOBILE A ROUES DE SUPPORT**
[72] BASU, SAMIT KUMAR, US
[72] MURCH, ANTHONY JAMES, US
[72] MOORE, JARED WILLIAM, US
[72] GARZON, PEDRO ANDRES, US
[71] MORPHO DETECTION, LLC, US
[22] 2017-03-16
[41] 2017-09-30
[30] US (15/084,700) 2016-03-30

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[13] A1
[51] **Int.Cl. F28F 1/10 (2006.01) F28F 9/22 (2006.01) F28F 13/06 (2006.01)**
[25] EN
[54] **HEAT EXCHANGER**
[54] **ECHANGEUR THERMIQUE**
[72] KENWORTHY, MICHAEL THOMAS, US
[72] GERSTLER, WILLIAM DWIGHT, US
[72] ERNO, DANIEL JASON, US
[72] KUPISZEWSKI, THOMAS, US
[72] COLEMAN, JOSEPH ROBERT, US
[71] UNISON INDUSTRIES, LLC, US
[22] 2017-03-16
[41] 2017-09-25
[30] US (15/081,025) 2016-03-25

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[13] A1
[51] **Int.Cl. G01F 1/696 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR METERING GAS**
[54] **SYSTEME ET METHODE DE DOSAGE DE GAZ**
[72] CHEN, CHENG-PO, US
[72] CHEN, NANNAN, US
[72] WANG, MENGLI, US
[71] GENERAL ELECTRIC COMAPANY, US
[22] 2017-03-16
[41] 2017-09-25
[30] US (15/081,265) 2016-03-25

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[13] A1
[51] **Int.Cl. F02C 3/13 (2006.01) F02C 9/18 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE DUAL SEALING CYLINDRICAL VARIABLE BLEED VALVE**
[54] **VANNE DE PURGE VARIABLE CYLINDRIQUE ETANCHE DOUBLE DESTINEE A UNE TURBINE A GAZ**
[72] JOHNSON, STEVEN DOUGLAS, US
[72] MILLER, BRANDON WAYNE, US
[72] GONYOU, CRAIG ALAN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-03-16
[41] 2017-09-29
[30] US (15/083,392) 2016-03-29

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[13] A1
[51] **Int.Cl. F16D 3/26 (2006.01) F16D 3/16 (2006.01)**
[25] EN
[54] **UNIVERSAL JOINTS**
[54] **JOINTS UNIVERSELS**
[72] DAVIES, STEPHEN, GB
[71] GOODRICH ACTUATION SYSTEMS LIMITED, GB
[22] 2017-03-13
[41] 2017-09-24
[30] EP (16162281.6) 2016-03-24

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[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12P 7/10 (2006.01) C12Q 1/68 (2006.01) C13K 1/00 (2006.01)**
[25] EN
[54] **MAIZE HYBRID X95H667**
[54] **MAIS HYBRIDE X95H667**
[72] CHANDLER, MICHAEL ADAM, US
[72] SMALLEY, MATTHEW DAVID, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2017-03-17
[41] 2017-09-30
[30] US (15/086,347) 2016-03-31

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[13] A1
[51] **Int.Cl. B60W 30/18 (2012.01)**
[25] EN
[54] **VEHICLE SPEED CONTROL DEVICE FOR INDUSTRIAL VEHICLE**
[54] **DISPOSITIF DE CONTROLE DE LA VITESSE D'UN VEHICULE DESTINE A UN VEHICULE INDUSTRIEL**
[72] KOIDE, YUKIKAZU, JP
[72] KATO, NORIHIKO, JP
[71] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP
[22] 2017-03-15
[41] 2017-09-25
[30] JP (2016-062124) 2016-03-25

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[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01)**
[25] EN
[54] **MAIZE INBRED PH25KM**
[54] **MAIS ENDOGAME PH25KM**
[72] CHANDLER, MICHAEL ADAM, US
[72] SMALLEY, MATTHEW DAVID, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2017-03-17
[41] 2017-09-30
[30] US (15/086,463) 2016-03-31

[21] **2,961,180**
[13] A1
[51] **Int.Cl. F15B 21/08 (2006.01) B66F 9/22 (2006.01) G05F 1/625 (2006.01)**
[25] EN
[54] **CURRENT CONTROLLER**
[54] **CONTROLEUR DE COURANT**
[72] KOIDE, YUKIKAZU, JP
[72] KATO, NORIHIKO, JP
[71] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP
[22] 2017-03-15
[41] 2017-09-24
[30] JP (2016-060531) 2016-03-24

[21] **2,961,230**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12P 7/10 (2006.01) C12Q 1/68 (2006.01) C13K 1/00 (2006.01)**
[25] EN
[54] **MAIZE HYBRID X05H214**
[54] **MAIS HYBRIDE X05H214**
[72] LEE, TRAVIS J., US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2017-03-20
[41] 2017-09-30
[30] US (15/086,296) 2016-03-31

[21] **2,961,236**
[13] A1
[51] **Int.Cl. E02F 9/28 (2006.01) E02F 3/40 (2006.01) E02F 3/60 (2006.01)**
[25] EN
[54] **FABRICATED WEAR MEMBER ASSEMBLY ATTACHED TO A WORK IMPLEMENT USING A RETAINING MECHANISM**
[54] **ASSEMBLAGE D'ELEMENT PORTABLE FABRIQUE FIXE A UN ACCESSOIRE DE TRAVAIL AU MOYEN D'UN MECANISME DE RETENUE**
[72] KUNZ, PHILLIP J., US
[71] CATERPILLAR, INC., US
[22] 2017-03-17
[41] 2017-09-30
[30] US (15/084,794) 2016-03-30

[21] **2,961,240**
[13] A1
[51] **Int.Cl. H04R 23/00 (2006.01)**
[25] EN
[54] **OPTICAL MICROPHONE SYSTEM**
[54] **SYSTEME DE MICROPHONE OPTIQUE**
[72] BULATOWICZ, MICHAEL D., US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[22] 2017-03-20
[41] 2017-09-25
[30] US (15/081,043) 2016-03-25

[21] **2,961,241**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12P 7/10 (2006.01) C12Q 1/68 (2006.01) C13K 1/00 (2006.01)**
[25] EN
[54] **MAIZE HYBRID X05H226**
[54] **MAIS HYBRIDE X05H226**
[72] BRENNER, EVERTON ALEN, US
[72] FISCHER, DAVID B., US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2017-03-20
[41] 2017-09-30
[30] US (15/086,289) 2016-03-31

[21] **2,961,244**
[13] A1
[51] **Int.Cl. E04F 11/18 (2006.01) E04H 17/00 (2006.01)**
[25] EN
[54] **RAIL TOP ATTACHMENT CLIP AND METHOD**
[54] **PINCE DE FIXATION DE HAUT DE RAIL ET METHODE**
[72] DESALLE, MICHAEL M., US
[72] SCHNEIDER, CHRISTOPHER M., US
[72] DIXON, WAYNE E., US
[72] REED, RANDALL L., US
[71] BARRETTE OUTDOOR LIVING, INC., US
[22] 2017-03-20
[41] 2017-09-24
[30] US (15/079,375) 2016-03-24

[21] **2,961,256**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12P 7/10 (2006.01) C12Q 1/68 (2006.01) C13K 1/00 (2006.01)**
[25] EN
[54] **MAIZE HYBRID X95H675**
[54] **MAIS HYBRIDE X95H675**
[72] CABRAL, CANDIDA BRAGA, US
[72] CHRISTENSEN, DEAN WILLIAM, US
[72] SZALMA, STEPHEN JOSEPH, US
[72] WEBER, GERHARD P., US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2017-03-20
[41] 2017-09-30
[30] US (15/086,147) 2016-03-31

[21] **2,961,263**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12P 7/10 (2006.01) C12Q 1/68 (2006.01) C13K 1/00 (2006.01)**
[25] EN
[54] **MAIZE HYBRID X00H319**
[54] **MAIS HYBRIDE X00H319**
[72] CHANDLER, MICHAEL ADAM, US
[72] GROTE, EDWIN MICHAEL, US
[72] SMALLEY, MATTHEW DAVID, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2017-03-20
[41] 2017-09-30
[30] US (15/086,152) 2016-03-31

[21] **2,961,267**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12P 7/10 (2006.01) C12Q 1/68 (2006.01) C13K 1/00 (2006.01)**
[25] EN
[54] **MAIZE HYBRID X08H739**
[54] **MAIS HYBRIDE X08H739**
[72] FOX, RUSSELL, US
[72] HEFFNER, ELLIOT LEE, US
[72] HENKE, GARY EDWARD, US
[72] LIRA, SARA JANE, US
[72] VERDE CHIFFLET, LUIS A., US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2017-03-20
[41] 2017-09-30
[30] US (15/086,114) 2016-03-31

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[13] A1
[51] **Int.Cl. F23Q 7/22 (2006.01) F23G 7/08 (2006.01) F23Q 7/06 (2006.01) F23Q 7/10 (2006.01) F23Q 23/10 (2006.01)**
[25] EN
[54] **SPARKLESS IGNITERS AND METHODS FOR PILOT IGNITION**
[54] **ALLUMEURS SANS ETINCELLE ET METHODE D'ALLUMAGE DE PILOTE**
[72] COOK, RONNIE, US
[71] SUREFIRE PILOTLESS BURNER SYSTEMS LLC, US
[22] 2017-03-20
[41] 2017-09-30
[30] US (62/315,555) 2016-03-30

[21] **2,961,300**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12P 7/06 (2006.01) C12Q 1/68 (2006.01) C13K 1/00 (2006.01)**
[25] EN
[54] **MAIZE HYBRID X00H315**
[54] **MAIS HYBRIDE X00H315**
[72] COOPER, MARK, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2017-03-20
[41] 2017-09-30
[30] US (15/086,160) 2016-03-31

[21] **2,961,329**
[13] A1
[51] **Int.Cl. H01F 27/06 (2006.01) H01F 27/28 (2006.01) H05K 1/18 (2006.01)**
[25] EN
[54] **CURRENT TRANSFORMER APPARATUS THAT IS MOUNTABLE TO A CIRCUIT BOARD**
[54] **APPAREIL TRANSFORMATEUR DE COURANT QUI PEUT ETRE INSTALLE SUR UNE CARTE DE CIRCUITS**
[72] BAUTISTA, LAURA TERESA PORTUONDO, DO
[72] REYES, GLENNYS JOHANNY DE JESUS, DO
[71] EATON CORPORATION, US
[22] 2017-03-17
[41] 2017-09-29
[30] US (15/083,478) 2016-03-29

[21] **2,961,360**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **MAIZE HYBRID X75H410**
[54] **MAIS HYBRIDE X75H410**
[72] KING, STEVEN PAUL, CA
[72] MONTPETIT, JEAN-MARC, CA
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2017-03-21
[41] 2017-09-30
[30] US (15/086,410) 2016-03-31

[21] **2,961,362**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **MAIZE HYBRID X90H605**
[54] **MAIS HYBRIDE X90H605**
[72] CARRIGAN, LORI LISA, US
[72] CABRAL, CANDIDA BRAGA, US
[72] CHRISTENSEN, DEAN WILLIAM, US
[72] GARCIA, GUSTAVO MARCELO, CA
[72] SZALMA, STEPHEN JOSEPH, US
[72] WALCH, MATTHEW DAVID, US
[72] WEBER, GERHARD P., US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2017-03-21
[41] 2017-09-30
[30] US (15/086,316) 2016-03-31

[21] **2,961,363**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **MAIZE HYBRID X95H673**
[54] **MAIS HYBRIDE X95H673**
[72] GARCIA, GUSTAVO MARCELO, CA
[72] ARBELBIDE, MARTIN, US
[72] CABRAL, CANDIDA BRAGA, US
[72] SZALMA, STEPHEN JOSEPH, US
[72] WEBER, GERHARD P., US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2017-03-21
[41] 2017-09-30
[30] US (15/086,309) 2016-03-31

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[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) C08B 30/04 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12P 7/06 (2006.01) C12Q 1/68 (2006.01) C13K 1/00 (2006.01)**
[25] EN
[54] **MAIZE HYBRID X80H134**
[54] **MAIS HYBRIDE X80H134**
[72] COLEMAN, TRAVIS KORRY, CA
[72] GARCIA, GUSTAVO MARCELO, CA
[72] MONTPETIT, JEAN-MARC, CA
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2017-03-21
[41] 2017-09-30
[30] US (15/086,406) 2016-03-31

[21] **2,961,373**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **MAIZE HYBRID X85H792**
[54] **MAIS HYBRIDE X85H792**
[72] GARCIA, GUSTAVO MARCELO, CA
[72] KING, STEVEN PAUL, CA
[72] WALCH, MATTHEW DAVID, US
[72] WILLIAM, HARINDRA MANILAL, CA
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2017-03-21
[41] 2017-09-30
[30] US (15/086,391) 2016-03-31

[21] **2,961,377**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) C08B 30/04 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12P 7/06 (2006.01) C12Q 1/68 (2006.01) C13K 1/00 (2006.01)**
[25] EN
[54] **MAIZE HYBRID X95H708**
[54] **MAIS HYBRIDE X95H708**
[72] GARCIA, GUSTAVO MARCELO, CA
[72] ARBELBIDE, MARTIN, US
[72] CARRIGAN, LORI LISA, US
[72] COLEMAN, TRAVIS KORRY, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2017-03-21
[41] 2017-09-30
[30] US (15/086,368) 2016-03-31

[21] **2,961,381**
[13] A1
[51] **Int.Cl. H04H 20/28 (2009.01)**
[25] EN
[54] **APPARATUS FOR GENERATING BROADCAST SIGNAL FRAME USING ENHANCED LAYER DUMMY VALUES AND METHOD USING THE SAME**
[54] **APPAREIL DE GENERATION D'UNE TRAME DE SIGNAUX DE DIFFUSION AU MOYEN DE VALEURS FICTIVES AMELIOREES ET METHODES EMPLOYANT LEDIT APPAREIL**
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] LEE, JAE-YOUNG, KR
[72] KIM, HEUNG-MOOK, KR
[72] HUR, NAM-HO, KR
[71] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[22] 2017-03-20
[41] 2017-09-24
[30] KR (10-2016-0035048) 2016-03-24
[30] KR (10-2017-0026924) 2017-03-02

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[13] A1
[51] **Int.Cl. C22B 7/00 (2006.01) C22B 3/04 (2006.01) C22B 3/22 (2006.01) C22B 3/44 (2006.01) C22B 13/00 (2006.01) C22B 13/06 (2006.01) C25C 1/18 (2006.01)**
[25] EN
[54] **PROCESS FOR THE TREATMENT OF END-OF-LIFE CATHODE-RAY TUBES**
[54] **PROCEDE DE TRAITEMENT DE TUBES CATHODIQUES EN FIN DE VIE**
[72] DELLA CASA, FRANCESCO, IT
[71] E.V.H. S.R.L., IT
[22] 2017-03-20
[41] 2017-09-24
[30] IT (102016000031082) 2016-03-24

[21] **2,961,468**
[13] A1
[51] **Int.Cl. B62L 3/00 (2006.01) B62K 11/00 (2013.01)**
[25] EN
[54] **SADDLE-RIDING-TYPE VEHICLE CABLE SUPPORT STRUCTURE**
[54] **STRUCTURE DE SUPPORT DE CABLE DE VEHICULE DE TYPE A SELLE**
[72] SHUTO, KENTA, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-03-20
[41] 2017-09-28
[30] JP (2016-063562) 2016-03-28

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[13] A1
[51] **Int.Cl. B65B 67/12 (2006.01) A47F 13/00 (2006.01) B65B 67/02 (2006.01) F16B 2/20 (2006.01)**
[25] EN
[54] **BAGGING STATION BAGGING CLIP**
[54] **PINCE DE MISE EN SAC DE POSTE DE MISE EN SAC**
[72] BACALLAO, YURGIS MAURO, US
[71] WAL-MART STORES, INC., US
[22] 2017-03-21
[41] 2017-09-30
[30] US (62/435,222) 2016-12-16
[30] US (62/315,222) 2016-03-30
[30] US (62/340,642) 2016-05-24

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[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **MAIZE INBRED PH25VF**
[54] **MAIS ENDOGAME PH25VF**
[72] SZALMA, STEPHEN JOSEPH, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2017-03-22
[41] 2017-09-30
[30] US (15/086,472) 2016-03-31

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[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **MAIZE INBRED PH2TCG**
[54] **MAIS ENDOGAME PH2TCG**
[72] GROTE, EDWIN MICHAEL, US
[72] MICKELSON, SUZANNE MICHELLE, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2017-03-22
[41] 2017-09-30
[30] US (15/086,583) 2016-03-31

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[21] **2,961,601**
[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **MAIZE INBRED PH2G60**
[54] **MAIS ENDOGAME PH2G60**
[72] COLEMAN, TRAVIS KORRY, CA
[72] GARCIA, GUSTAVO MARCELO, CA
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2017-03-22
[41] 2017-09-30
[30] US (15/086,588) 2016-03-31

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[21] **2,961,623**
[13] A1
[51] **Int.Cl. B07B 1/28 (2006.01)**
[25] EN
[54] **APPARATUS FOR PROCESSING AGGREGATE MATERIAL**
[54] **APPAREIL DE TRAITEMENT DE MATERIAU AGGLOMERE**
[72] IVANOFF, ENDA, GB
[71] CDE GLOBAL LIMITED, GB
[22] 2017-03-21
[41] 2017-09-30
[30] GB (1605363.9) 2016-03-30

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[13] A1
[51] **Int.Cl. A61B 5/042 (2006.01) A61B 5/0452 (2006.01) A61B 5/046 (2006.01) A61B 18/04 (2006.01)**
[25] EN
[54] **MAPPING OF ATRIAL FIBRILLATION**
[54] **CARTOGRAPHIE DE LA FIBRILLATION ATRIALE**
[72] HOUBEN, RICHARD P. M., IL
[72] BAR-TAL, MEIR, IL
[72] ZRIHAM, YANIV BEN, IL
[72] URMAN, ROY, IL
[72] AUERBACH, SHMUEL, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-03-21
[41] 2017-09-30
[30] US (15/086,220) 2016-03-31

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[13] A1
[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **MAIZE INBRED PH25Y1**
[54] **MAIS ENDOGAME PH25Y1**
[72] CARRIGAN, LORI LISA, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2017-03-22
[41] 2017-09-30
[30] US (15/086,595) 2016-03-31

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[13] A1
[51] **Int.Cl. F04B 37/10 (2006.01) F04B 37/18 (2006.01) F04B 53/00 (2006.01)**
[25] EN
[54] **GAS COMPRESSOR**
[54] **COMPRESSEUR A GAZ**
[72] MCCARTHY, DAN, CA
[71] I-JACK TECHNOLOGIES INC., CA
[22] 2017-03-20
[41] 2017-09-25
[30] US (62/421,558) 2016-11-14

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[13] A1
[51] **Int.Cl. F16L 37/107 (2006.01) A61M 39/10 (2006.01) A61M 39/18 (2006.01) F16L 37/08 (2006.01) F16L 37/098 (2006.01) F16L 37/133 (2006.01)**
[25] EN
[54] **CONNECTOR ASSEMBLIES, FLUID SYSTEMS INCLUDING CONNECTOR ASSEMBLIES, AND PROCEDURES FOR MAKING FLUID CONNECTIONS**
[54] **ASSEMBLAGES DE CONNECTEUR, SYSTEMES FLUIDIQUES COMPORTANT LES ASSEMBLAGES DE CONNECTEUR, ET PROCEDURES DE FABRICATION DE CONNEXIONS FLUIDIQUES**
[72] KESSELAAR, DANIEL JAMES, GB
[72] ROTHWELL, CHARLES NICHOLAS, GB
[72] BALLARD, RICHARD JOHN, GB
[72] BOWDERY, DANNIEL, GB
[71] PALL CORPORATION, US
[22] 2017-03-22
[41] 2017-09-30
[30] US (15/085,042) 2016-03-30

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[13] A1
[51] **Int.Cl. A61K 9/19 (2006.01) A61K 47/26 (2006.01) A61K 47/34 (2017.01) A61K 47/40 (2006.01)**
[25] EN
[54] **FORMULATIONS FOR LYOPHILIZING THERAPEUTIC PARTICLES**
[54] **FORMULATIONS DE LYOPHILISATION DE PARTICULES THERAPEUTIQUES**
[72] JOSHI, UJJWAL, US
[72] LOW, SUSAN, US
[72] SONG, YOUNG-HO, US
[72] TRAN, JEANNE, US
[72] TROIANO, GREG, US
[71] PFIZER INC., US
[22] 2017-03-22
[41] 2017-09-25
[30] US (62/313,436) 2016-03-25
[30] US (62/461,410) 2017-02-21

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[13] A1
[51] **Int.Cl. F02K 3/10 (2006.01) B64D 33/04 (2006.01) F23R 3/12 (2006.01)**
[25] EN
[54] **CLOSED TRAPPED VORTEX CAVITY PILOT FOR A GAS TURBINE ENGINE AUGMENTOR**
[54] **PILOTE DE CAVITE DE TOURBILLON PIEGEE FERMEE DESTINE A UN CONCENTRATEUR DE FLUX DE TURBINE A GAZ**
[72] PERVEILLER, DAVID ANDREW, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-03-23
[41] 2017-09-30
[30] US (15/085,165) 2016-03-30

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[21] **2,961,821**
[13] A1
[51] **Int.Cl. B60P 1/36 (2006.01)**
[25] EN
[54] **TRUCK MOUNTED EXTENSIBLE CONVEYOR SYSTEM**
[54] **DISPOSITIF DE COURROIE DE TRANSPORT EXTENSIBLE INSTALLE SUR UN CAMION**
[72] ESCH, JAMES H., US
[71] CUSTOM TRUCK & EQUIPMENT LLC, US
[22] 2017-03-22
[41] 2017-09-28
[30] US (15/082,133) 2016-03-28

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[13] A1
[51] **Int.Cl. G10K 15/04 (2006.01) G01V 1/133 (2006.01)**
[25] EN
[54] **DUAL RESONANT SINGLE APERTURE SEISMIC SOURCE**
[54] **SOURCE SISMIQUE A OUVERTURE SIMPLE ET DOUBLE RESONNANCE**
[72] MOROZOV, ANDREY K., US
[72] WEBB, DOUGLAS C., US
[71] TELEDYNE INSTRUMENTS, INC., US
[22] 2017-03-23
[41] 2017-09-25
[30] US (62/313,326) 2016-03-25
[30] US (15/463,987) 2017-03-20

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[21] **2,961,874**
[13] A1
[51] **Int.Cl. G09B 9/00 (2006.01) G09B 23/30 (2006.01)**
[25] EN
[54] **BODY CAVITY SIMULATOR FOR SENSING A SIMULATED MEDICAL INSTRUMENT**
[54] **SIMULATEUR DE CAVITE CORPORELLE DESTINE A DETECTER UN INSTRUMENT MEDICAL SIMULE**
[72] CARON, FRANCOIS, CA
[71] CAE HEALTHCARE CANADA INC, CA
[22] 2017-03-24
[41] 2017-09-30
[30] US (15/085,212) 2016-03-30

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[13] A1
[51] **Int.Cl. G09B 23/30 (2006.01) A61B 34/20 (2016.01) A61B 90/00 (2016.01) G09B 9/00 (2006.01)**
[25] EN
[54] **BODY CAVITY SIMULATOR FOR CAPTURING A SIMULATED MEDICAL INSTRUMENT**
[54] **SIMULATEUR DE CAVITE CORPORELLE DESTINE A CAPTURER UN INSTRUMENT MEDICAL SIMULE**
[72] CARON, FRANCOIS, CA
[71] CAE HEALTHCARE CANADA INC., CA
[22] 2017-03-24
[41] 2017-09-30
[30] US (15/085,264) 2016-03-30

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[21] **2,961,893**
[13] A1
[51] **Int.Cl. H02K 9/06 (2006.01) H02K 5/20 (2006.01)**
[25] EN
[54] **EXTERNAL FAN AND DRIVE END HOUSING FOR AN AIR COOLED ALTERNATOR**
[54] **VENTILATEUR EXTERNE ET LOGEMENT D'EXTREMITE D'ENTRAINEMENT DESTINES A UN ALTERNATEUR REFROIDI A L'AIR**
[72] IONELE, BOGDAN, CA
[71] DIXIE ELECTRIC LTD., CA
[22] 2017-03-24
[41] 2017-09-29
[30] US (62/314,470) 2016-03-29

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[13] A1
[51] **Int.Cl. H04N 21/85 (2011.01) H04N 21/2743 (2011.01) G06Q 30/02 (2012.01) G10L 13/02 (2013.01) B60R 11/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR GENERATING AND SUPPLYING VIEWER CUSTOMIZED MULTIMEDIA PRESENTATIONS**
[54] **SYSTEME ET METHODE DE PRODUCTION ET FOURNITURE DE PRESENTATION MULTIMEDIA PERSONNALISEE PAR LE SPECTATEUR**
[72] PERRIER, GREGORY T., US
[72] OTTEN, HANS, US
[72] GIGUERE, ROBERT, US
[72] AWAIJANE, ANDREW, US
[71] AUTODATA SOLUTIONS, INC., US
[22] 2017-03-23
[41] 2017-09-24
[30] US (62/313,075) 2016-03-24
[30] US (15/466,539) 2017-03-22

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[13] A1
[51] **Int.Cl. G03B 43/00 (2006.01) H04N 17/00 (2006.01)**
[25] EN
[54] **CAMERA CALIBRATION METHOD USING A CALIBRATION TARGET**
[54] **METHODE D'ETALONNAGE DE CAMERA AU MOYEN D'UNE CIBLE D'ETALONNAGE**
[72] CLAVEAU, FABIEN, CA
[72] SAMSON, ERIC, CA
[72] CADORET, YANNICK, CA
[72] PREVOST, DONALD, CA
[72] ST-LAURENT, LOUIS, CA
[72] MIKHNEVICH, MAXIM, CA
[71] INSTITUT NATIONAL D'OPTIQUE, CA
[22] 2017-03-23
[41] 2017-09-29
[30] US (62/314,580) 2016-03-29

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[13] A1
[51] **Int.Cl. A61J 1/03 (2006.01) A01K 29/00 (2006.01) A61D 99/00 (2006.01) A61J 7/00 (2006.01)**
[25] EN
[54] **ANIMAL SUPPLEMENTS OR MEDICATION ORGANIZER**
[54] **ORGANISATEUR DE SUPPLEMENTS ALIMENTAIRES OU DE MEDICAMENTS POUR ANIMAUX**
[72] RADOMIL, LENKA, CA
[71] RADOMIL, LENKA, CA
[22] 2017-03-24
[41] 2017-09-24
[30] US (62/312,696) 2016-03-24

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[13] A1
[51] **Int.Cl. G01S 13/74 (2006.01) G01S 13/91 (2006.01)**
[25] EN
[54] **SECONDARY RADAR ABLE TO DETECT TARGETS AT HIGH ELEVATION**
[54] **RADAR SECONDAIRE CAPABLE DE DETECTER DES CIBLES A HAUTE ELEVATION**
[72] BILLAUD, PHILIPPE, FR
[71] THALES, FR
[22] 2017-03-23
[41] 2017-09-25
[30] FR (1600504) 2016-03-25

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[13] A1
[51] **Int.Cl. F25B 25/00 (2006.01) F25B 40/02 (2006.01) F25B 41/00 (2006.01)**
[25] EN
[54] **COOLING SYSTEM WITH INTEGRATED SUBCOOLING**
[54] **SYSTEME DE REFROIDISSEMENT A SOUS-REFROIDISSEMENT INTEGRE**
[72] MUKHERJEE, ARIJIT, IN
[72] USTURGE, OM, IN
[71] HEATCRAFT REFRIGERATION PRODUCTS LLC, US
[22] 2017-03-23
[41] 2017-09-29
[30] US (15/083,506) 2016-03-29

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[13] A1
[51] **Int.Cl. B65D 5/52 (2006.01) B31B 50/60 (2017.01) B65D 5/32 (2006.01)**
[25] EN
[54] **METHOD AND BLANKS FOR FORMING A SHELF-READY DISPLAY CONTAINER**
[54] **METHODES ET EBAUCHES DE FORMAGE D'UN CONTENANT DE PRESENTATION PRET A L'EMPLOI**
[72] COUTURE, DAVID G., US
[71] WESTROCK SHARED SERVICES, LLC, US
[22] 2017-03-23
[41] 2017-09-24
[30] US (15/079534) 2016-03-24

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[13] A1
[51] **Int.Cl. G01J 5/10 (2006.01) F23M 11/00 (2006.01) F27D 21/00 (2006.01) G01K 13/02 (2006.01)**
[25] EN
[54] **METHOD FOR TEMPERATURE DATA ACQUISITION**
[54] **METHODE D'ACQUISITION DE DONNEES DE TEMPERATURE**
[72] ZHAO, YAN, US
[72] KLOOSTERMAN, JEFFREY WILLIAM, US
[72] LUNSFORD, JEREMY CHARLES, US
[72] LI, XIANMING JIMMY, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2017-03-24
[41] 2017-09-30
[30] US (15/084,631) 2016-03-30

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[13] A1
[51] **Int.Cl. A42B 3/30 (2006.01) B06B 3/00 (2006.01) H04R 1/00 (2006.01)**
[25] EN
[54] **HELMET-WORN DEVICE FOR ELECTRONIC COMMUNICATIONS DURING HIGH MOTION ACTIVITY**
[54] **DISPOSITIF PORTE SUR UN CASQUE DESTINE AUX COMMUNICATIONS ELECTRONIQUES PENDANT UNE ACTIVITE IMPLIQUANT BEAUCOUP DE MOUVEMENTS**
[72] KOPER, SEBASTIAN, CA
[72] LIPSKI, BART, CA
[71] HEARSHOT INC., CA
[22] 2017-03-24
[41] 2017-09-24
[30] US (62/312,926) 2016-03-24
[30] US (62/313,355) 2016-03-25

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[21] **2,962,013**
[13] A1
[51] **Int.Cl. E04G 11/36 (2006.01)**
[25] EN
[54] **FORMWORK FOR PERFORMING HORIZONTAL CASTINGS FOR THE PROVISION OF FLOORS**
[54] **COFFRAGE SERVANT A PREFORMER DES MOULAGES HORIZONTAUX DESTINES A DES PLANCHERS**
[72] FARESIN, GUIDO, IT
[71] FARESIN BUILDING S.P.A., IT
[22] 2017-03-23
[41] 2017-09-24
[30] IT (102016000030716) 2016-03-24

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[13] A1
[51] **Int.Cl. G05B 13/02 (2006.01) G05B 23/02 (2006.01) F16K 31/44 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR SELF-CALIBRATION OF AN ACTUATOR**
[54] **UN SYSTEME ET METHODE D'ETALONNAGE INDEPENDANT D'UN ACTIONNEUR**
[72] RAMAKRISHNAN, THANGARAJA, IN
[72] DALBHANJAN, GIRISH H., US
[72] SCHAFBUCH, PAUL JAY, US
[71] EMERSON PROCESS MANAGEMENT VALVE AUTOMATION, INC., US
[22] 2017-03-23
[41] 2017-09-29
[30] IN (201621010857) 2016-03-29

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[21] **2,962,016**
[13] A1
[51] **Int.Cl. B65D 33/01 (2006.01) B65D 30/08 (2006.01)**
[25] EN
[54] **PROGRESSIONS TO KRAFT SACKS THAT ARE USED TO STORE INDUSTRIAL PURPOSE DUST AND GRANULE PRODUCT**
[54] **PROGRESSIONS VERS DES SACS KRAFT QUI SONT UTILISES POUR STOCKER UN PRODUIT DE GRANULES ET DE POUSSIERES A DES FINS INDUSTRIELLES**
[72] DURUDUYGU, CENGIZ HAN, TR
[71] YOZGAT KRAFT TORBA SANAYI VE TICARET ANONIM SIRKETI, TR
[22] 2017-03-24
[41] 2017-09-25
[30] TR (2016/03887) 2016-03-25

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[13] A1
[51] **Int.Cl. E21B 21/00 (2006.01) E21B 21/06 (2006.01)**
[25] EN
[54] **OPTIMIZING DRILLING MUD SHEARING**
[54] **OPTIMISATION DU CISAILLEMENT DE BOUE DE FORAGE**
[72] SMITH, KEVIN W., US
[71] HIGHLAND FLUID TECHNOLOGY, LTD., US
[22] 2017-03-24
[41] 2017-09-24
[30] US (62/312,807) 2016-03-24
[30] US (15/467,315) 2017-03-23

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[13] A1
[51] **Int.Cl. B67D 7/74 (2010.01) B67D 7/02 (2010.01) B67D 7/36 (2010.01) G05D 11/13 (2006.01)**
[25] EN
[54] **PLURAL COMPONENT RATIO MONITORING AND CONTROL**
[54] **SURVEILLANCE ET CONTROLE DU RAPPORT DE PLUSIEURS COMPOSANTES**
[72] TIX, JOSEPH E., US
[72] MCCORMICK, MARTIN P., US
[72] LANGE, CHRISTOPHER M., US
[71] GRACO MINNESOTA INC., US
[22] 2017-03-24
[41] 2017-09-28
[30] US (62/313,932) 2016-03-28

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[21] **2,962,029**
[13] A1
[51] **Int.Cl. H04N 21/6373 (2011.01) H04N 21/478 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ADVERTISING CONTINUITY**
[54] **SYSTEMES ET METHODES DE CONTINUITE DE LA PUBLICITE**
[72] RAMALEY, ALAN, US
[71] THEPLATFORM, LLC, US
[22] 2017-03-24
[41] 2017-09-24
[30] US (15/079,831) 2016-03-24

[21] **2,962,030**
[13] A1
[51] **Int.Cl. B67D 7/08 (2010.01) B67D 7/16 (2010.01) B67D 7/74 (2010.01) B05C 9/10 (2006.01) B05C 11/00 (2006.01)**
[25] EN
[54] **OPERATOR INTERFACE DEVICE FOR A PLURAL COMPONENT DISPENSING SYSTEM**
[54] **DISPOSITIF D'INTERFACE OPERATEUR DESTINE A UN DISPOSITIF DE DISTRIBUTION DE PLUSIEURS COMPOSANTES**
[72] VO, THOMAS V., US
[72] ARMSTRONG, JEFFREY S., US
[72] BORDWELL, DAVID, US
[72] MCMICHAEL, JONATHAN R., US
[71] GRACO MINNESOTA INC., US
[22] 2017-03-24
[41] 2017-09-28
[30] US (62/313,929) 2016-03-28

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[21] **2,962,053**
[13] A1
[51] **Int.Cl. F16D 3/06 (2006.01) B64C 13/28 (2006.01) F16B 21/10 (2006.01) F16D 3/78 (2006.01)**
[25] EN
[54] **SPLINED COUPLINGS**
[54] **RACCORDS A CLAVETTE**
[72] DAVIES, STEPHEN, GB
[72] HUBBERSTEY, MARK, GB
[72] HOLMAN, DAVID, GB
[71] GOODRICH ACTUATION SYSTEMS LIMITED, GB
[22] 2017-03-23
[41] 2017-09-24
[30] GB (1605057.7) 2016-03-24

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[13] A1
[51] **Int.Cl. E05B 83/02 (2014.01) B62D 33/037 (2006.01)**
[25] EN
[54] **TAILGATE LOCK ASSEMBLY**
[54] **MECANISME DE VERROU DE HAYON**
[72] DA DEPPO, LYNN D., US
[72] KAMAL, EHAB, US
[72] ROOT, JEFFERY T., US
[71] HUF NORTH AMERICA AUTOMOTIVE PARTS MANUFACTURING CORP, US
[22] 2017-03-24
[41] 2017-09-25
[30] US (15/081,395) 2016-03-25

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[21] **2,962,154**
[13] A1
[51] **Int.Cl. G01N 1/28 (2006.01) G01N 1/44 (2006.01) G01N 27/62 (2006.01)**
[25] EN
[54] **DETECTION OF SUBSTANCES OF INTEREST USING GAS-SOLID PHASE CHEMISTRY**
[54] **DETECTION DE SUBSTANCES D'INTERET AU MOYEN DE LA CHIMIE DE PHASE GAZ-SOLIDE**
[72] ROGERS, WILLIAM, US
[72] ROMANOV, VLADIMIR, US
[72] LUKOW, STEFAN, US
[72] SCHMIDT, HARTWIG, US
[71] MORPHO DETECTION, LLC, US
[22] 2017-03-27
[41] 2017-09-30
[30] US (15/087,251) 2016-03-31

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[13] A1
[51] **Int.Cl. H04L 12/58 (2006.01) G06Q 50/22 (2012.01) H04L 9/32 (2006.01)**
[25] EN
[54] **SESAME SECURE MESSAGING**
[54] **MESSAGERIE SECURISEE PAR INSTRUCTIONS**
[72] RABINOVICH, DIMITRI, US
[72] MORSY, AHMED, US
[71] INTERNET BRANDS, INC., US
[22] 2017-03-28
[41] 2017-09-28
[30] US (15/083,144) 2016-03-28

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[21] **2,962,163**
[13] A1
[51] **Int.Cl. H04L 9/32 (2006.01) G06F 21/45 (2013.01)**
[25] EN
[54] **SECURE REMOTE PASSWORD RETRIEVAL**
[54] **RECUPERATION DE MOT DE PASSE SECURISEE A DISTANCE**
[72] ROSENBLUM, JOSEPH, US
[72] MERCADO, MARIO FERNANDEZ, US
[71] INTERNET BRANDS, INC., US
[22] 2017-03-28
[41] 2017-09-28
[30] US (15/083,155) 2016-03-28

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[21] **2,962,246**
[13] A1
[51] **Int.Cl. B62K 25/28 (2006.01) B62D 61/02 (2006.01)**
[25] EN
[54] **SWING ARM OF SADDLE RIDING VEHICLE**
[54] **BRAS PIVOTANT DE VEHICULE A SELLE**
[72] HIRAMARU, MASAYUKI, JP
[72] MIKURA, KEITA, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-03-27
[41] 2017-09-30
[30] JP (2016-073407) 2016-03-31

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[21] **2,962,250**
[13] A1
[51] **Int.Cl. B62J 1/00 (2006.01)**
[25] EN
[54] **SEAT ATTACHMENT STRUCTURE OF SADDLE RIDING VEHICLE**
[54] **STRUCTURE DE FIXATION DE SIEGE D'UN VEHICULE A SELLE**
[72] KOISHIKAWA, TAKUMA, JP
[72] SAKAI, TORU, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-03-27
[41] 2017-09-30
[30] JP (2016-073408) 2016-03-31

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[21] **2,962,253**
[13] A1
[51] **Int.Cl. B62J 35/00 (2006.01)**
[25] EN
[54] **RESERVOIR TANK MOUNTING STRUCTURE OF SADDLE RIDING VEHICLE**
[54] **STRUCTURE D'INSTALLATION DE RESERVOIR D'UN VEHICULE A SELLE**
[72] KOISHIKAWA, TAKUMA, JP
[72] SAKAI, TORU, JP
[72] HIRAMARU, MASAYUKI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-03-27
[41] 2017-09-30
[30] JP (2016-073074) 2016-03-31

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[13] A1
[51] **Int.Cl. B62K 25/28 (2006.01) B62D 61/02 (2006.01) B62K 11/02 (2006.01)**
[25] EN
[54] **SWING ARM OF SADDLE RIDING VEHICLE**
[54] **BRAS PIVOTANT DE VEHICULE A SELLE**
[72] HIRAMARU, MASAYUKI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-03-27
[41] 2017-09-30
[30] JP (2016-072481) 2016-03-31

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[21] **2,962,264**
[13] A1
[51] **Int.Cl. H04L 12/66 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ENABLING USE OF A SINGLE USER IDENTIFIER ACROSS INCOMPATIBLE NETWORKS FOR UCC FUNCTIONALITY**
[54] **SYSTEME ET METHODE PERMETTANT L'UTILISATION D'UN IDENTIFIANT UTILISATEUR UNIQUE SUR DES RESEAUX NON COMPATIBLES EN VUE D'UNE FONCTIONNALITE UCC**
[72] CHATURVEDI, SIVAKUMAR R., US
[72] GUNDABATHULA, SATISH, US
[72] LOHITA, RASHMI, US
[71] DAMAKA, INC., US
[22] 2017-03-27
[41] 2017-09-30
[30] US (62/316,133) 2016-03-31
[30] US (15/090,394) 2016-04-04

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[13] A1
[51] **Int.Cl. E02D 29/00 (2006.01) E02D 29/12 (2006.01) E04C 5/18 (2006.01)**
[25] EN
[54] **PRECAST SEGMENTED ANNULAR STRUCTURE WITH STRUCTURAL JOINT**
[54] **STRUCTURE ANNULAIRE SEGMENTEE PRECOULEE DOTEE D'UN JOINT STRUCTURAL**
[72] ELLIOTT, THOMAS, US
[71] JENSEN ENTERPRISES, INC., US
[22] 2017-03-27
[41] 2017-09-28
[30] US (62/314003) 2016-03-28
[30] US (15/466017) 2017-03-22

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[21] **2,962,272**
[13] A1
[51] **Int.Cl. B62H 1/02 (2006.01)**
[25] EN
[54] **STAND SUPPORT STRUCTURE OF SADDLE RIDING VEHICLE**
[54] **STRUCTURE DE SUPPORT DE BEQUILLE D'UN VEHICULE A SELLE**
[72] KOISHIKAWA, TAKUMA, JP
[72] MORITA, KENJI, JP
[72] FUJIWARA, MIZUKI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-03-27
[41] 2017-09-30
[30] JP (2016-073633) 2016-03-31

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[13] A1
[51] **Int.Cl. B64C 27/52 (2006.01) B64C 11/48 (2006.01) B64C 17/02 (2006.01) B64C 27/10 (2006.01) B64C 39/02 (2006.01)**
[25] EN
[54] **WEIGHT-SHIFTING COAXIAL HELICOPTER**
[54] **HELICOPTERE COAXIAL A DEPLACEMENT DE POIDS**
[72] GAMBLE, DUSTIN ELI, US
[71] LOCKHEED MARTIN CORPORATION, US
[22] 2017-03-27
[41] 2017-09-30
[30] US (15/085,540) 2016-03-30

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[21] **2,962,298**
[13] A1
[51] **Int.Cl. A63B 22/02 (2006.01)**
[25] EN
[54] **TREADMILL BELTS THAT ENHANCE A USER'S COMFORT AND STABILITY**
[54] **COURROIES DE TAPIS ROULANT QUI AMELIORENT LE CONFORT ET LA STABILITE DE L'UTILISATEUR**
[72] WALTER, CLARK, US
[72] WALTER, DORIS J., US
[71] WALTER, CLARK, US
[71] WALTER, DORIS J., US
[22] 2017-03-29
[41] 2017-09-30
[30] US (62/315,234) 2016-03-30

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[13] A1
[51] **Int.Cl. F41A 17/42 (2006.01) F41A 17/36 (2006.01) F41A 17/40 (2006.01)**
[25] EN
[54] **RECEIVER WITH AN AMBIDEXTROUS BOLT STOP**
[54] **RECEPTEUR DOTE D'UNE BUTEE DE BOULON AMBIDEXTRE**
[72] LEWIS, KARL R., US
[72] OLSON, DOUGLAS, US
[72] NEFF, MICHAEL, US
[72] NAWROCKI, MICHAEL, US
[72] SMITH, JOHN J., US
[71] KRL HOLDING COMPANY, INC., IT
[22] 2017-03-28
[41] 2017-09-30
[30] US (62/315,179) 2016-03-30

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[13] A1
[51] **Int.Cl. C23C 8/28 (2006.01) C10G 75/04 (2006.01) C22C 19/05 (2006.01) C22C 21/00 (2006.01) C22C 38/18 (2006.01) C22C 38/22 (2006.01) C23F 14/02 (2006.01) F16L 58/04 (2006.01) F28F 19/02 (2006.01)**
[25] EN
[54] **TREATED ARTICLE, SYSTEM HAVING TREATED ARTICLE, AND PROCESS INCORPORATING TREATED ARTICLE**
[54] **ARTICLE TRAITE, SYSTEME COMPORTANT L'ARTICLE TRAITE ET PROCEDE INCORPORANT L'ARTICLE TRAITE**
[72] SMITH, DAVID A., US
[71] SILCOTEK CORP., US
[22] 2017-03-28
[41] 2017-09-29
[30] US (62/314,488) 2016-03-29
[30] US (15/467,564) 2017-03-23

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[13] A1
[51] **Int.Cl. E21F 17/00 (2006.01) E21D 9/00 (2006.01)**
[25] EN
[54] **TUNNEL CONVERGENCE DETECTION APPARATUS AND METHOD**
[54] **APPAREIL DE DETECTION DE CONVERGENCE DE TUNNEL ET METHODE**
[72] VANDERBECK, ROBERT LINDSAY, CA
[72] MARSHALL, JOSHUA A., CA
[71] VANDERBECK, ROBERT LINDSAY, CA
[71] MARSHALL, JOSHUA A., CA
[22] 2017-03-28
[41] 2017-09-29
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[13] A1
[51] **Int.Cl. E21B 33/068 (2006.01) E21B 33/03 (2006.01) E21B 34/02 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR FRACTURING A MULTIPLE WELL PAD**
[54] **SYSTEMES ET METHODES DE FRACTURATION D'UNE PLATEFORME D'EXPLOITATION MULTIPLE**
[72] KAJARIA, SAURABH, US
[71] GE OIL & GAS PRESSURE CONTROL LP, US
[22] 2017-03-28
[41] 2017-09-28
[30] US (62/314,001) 2016-03-28
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[13] A1
[51] **Int.Cl. E01H 5/02 (2006.01)**
[25] EN
[54] **SNOW REMOVAL DEVICE**
[54] **APPAREIL D'ENLEVEMENT DE LA NEIGE**
[72] REELS, JASON, US
[71] REELS, JASON, US
[22] 2017-03-28
[41] 2017-09-30
[30] US (15/085,153) 2016-03-30

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[21] **2,962,363**
[13] A1
[51] **Int.Cl. A61N 1/36 (2006.01)**
[25] EN
[54] **PROCESS FOR ESTABLISHING AN ELECTROSTIMULATION PROTOCOL FOR HEADACHE CONTROL, AND THE RESPECTIVE PORTABLE ELETROSTIMULATION EQUIPMENT FOR HEADACHE CONTROL USING SAID PROTOCOL**
[54] **PROCEDE D'ETABLISSEMENT D'UN PROTOCOLE D'ELECTROSTIMULATION DESTINE AU CONTROLE DE CEPHALEES ET EQUIPEMENT PORTATIF RESPECTIF D'ELECTROSTIMULATION DESTINE AU CONTROLE DE CEPHALEESAU MOYEN DUDIT PROTOCOLE**
[72] DE OLIVEIRA, MAURICIO MARQUES, BR
[72] BIGHETTI, MOACYR RAMOS, BR
[71] MEDECELL S.A., UY
[22] 2017-03-29
[41] 2017-09-30
[30] BR (BR 10 2016 007242 5) 2016-03-31

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[21] **2,962,390**
[13] A1
[51] **Int.Cl. A61N 1/36 (2006.01)**
[25] EN
[54] **PROCESS FOR ESTABLISHING AN ELECTROSTIMULATION PROTOCOL, AND RESPECTIVE ELECTROSTIMULATION PORTABLE EQUIPMENT USING SAID PROTOCOL**
[54] **PROCEDE D'ETABLISSEMENT D'UN PROTOCOLE D'ELECTROSTIMULATION ET EQUIPEMENT PORTATIF D'ELECTROSTIMULATION RESPECTIF EMPLOYANT LEDIT PROTOCOLE**
[72] DE OLIVEIRA, MAURICIO MARQUES, BR
[72] BIGHETTI, MOACYR RAMOS, BR
[71] MEDECELL S.A., UY
[22] 2017-03-29
[41] 2017-09-30
[30] BR (BR 10 2016 007239 5) 2016-03-31

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[21] **2,962,397**
[13] A1
[51] **Int.Cl. A61N 1/36 (2006.01)**
[25] EN
[54] **PROCESS FOR ESTABLISHING A MUSCULAR ELECTROSTIMULATION PROTOCOL, AND RESPECTIVE PORTABLE MUSCULAR ELECTROSTIMULATION EQUIPMENT USING SAID PROTOCOL**
[54] **PROCEDE D'ETABLISSEMENT D'UN PROTOCOLE D'ELECTROSTIMULATION MUSCULAIRE ET EQUIPEMENT PORTATIF D'ELECTROSTIMULATION MUSCULAIRE RESPECTIF EMPLOYANT LEDIT PROTOCOLE**
[72] DE OLIVEIRA, MAURICIO MARQUES, BR
[72] MANSO, WILLIANS MORALES, BR
[72] BIGHETTI, MOACYR RAMOS, BR
[71] MEDECELL S.A., UY
[22] 2017-03-29
[41] 2017-09-30
[30] BR (BR 10 2016 007240 9) 2016-03-31

[21] **2,962,399**
[13] A1
[51] **Int.Cl. A61N 1/36 (2006.01)**
[25] EN
[54] **PROCESS FOR ESTABLISHING AN ELECTROSTIMULATION PROTOCOL FOR PELVIC PAIN CONTROL, AND THE RESPECTIVE PORTABLE ELECTROSTIMULATION EQUIPMENT FOR PELVIC PAIN CONTROL USING SAID PROTOCOL**
[54] **PROCEDE D'ETABLISSEMENT D'UN PROTOCOLE D'ELECTROSTIMULATION DESTINE AU CONTROLE DE DOULEURS PELVIENNES ET EQUIPEMENT PORTATIF RESPECTIF D'ELECTROSTIMULATION DESTINE AU CONTROLE DEDOULEURS PELVIENNES AU MOYEN DUDIT PROTOCOLE**
[72] DE OLIVEIRA, MAURICIO MARQUES, BR
[72] BIGHETTI, MOACYR RAMOS, BR
[71] MEDECELL S.A., UY
[22] 2017-03-29
[41] 2017-09-30
[30] BR (BR 10 2016 007241 7) 2016-03-31

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[21] **2,962,408**
[13] A1
[51] **Int.Cl. F16M 13/00 (2006.01) A47F 7/00 (2006.01) G09F 5/00 (2006.01) H05K 7/02 (2006.01)**
[25] EN
[54] **SECURE MOUNTING SYSTEMS FOR INTERACTIVE COMPONENT DISPLAY**
[54] **SYSTEMES DE FIXATION SECURISEE DESTINES A UN AFFICHEUR DE COMPOSANT INTERACTIF**
[72] GALANT, STEVE N., CA
[71] COMPUCAGE INTERNATIONAL INC., CA
[22] 2017-03-29
[41] 2017-09-29
[30] US (62/314,793) 2016-03-29

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[21] **2,962,463**
[13] A1
[51] **Int.Cl. A61K 35/08 (2015.01) A61K 8/19 (2006.01) A61P 1/00 (2006.01) A61P 1/02 (2006.01)**
[25] EN
[54] **SEA SALT MOUTH RINSE KIT AND METHOD OF USING SAME**
[54] **TROUSSE DE RINCE-BOUCHE A L'EAU DE MER ET METHODE D'UTILISATION DE LADITE TROUSSE**
[72] ALLEN, CATHRYN ELIZABETH, CA
[71] SEA SALT SOLUTIONZ, CA
[22] 2017-03-28
[41] 2017-09-29
[30] US (62/314,471) 2016-03-29

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[21] **2,962,478**
[13] A1
[51] **Int.Cl. E04B 1/94 (2006.01)**
[25] EN
[54] **FIRE-RATED WALL CONSTRUCTION PRODUCT**
[54] **PRODUIT DE CONSTRUCTION DE MUR COTE POUR SA RESISTANCE AU FEU**
[72] PILZ, DONALD ANTHONY, US
[72] LARSON, ERIC, US
[71] CALIFORNIA EXPANDED METAL PRODUCTS COMPANY, US
[22] 2017-03-24
[41] 2017-09-25
[30] US (62/313,606) 2016-03-25

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[21] **2,962,521**
[13] A1
[51] **Int.Cl. F23J 13/00 (2006.01) F16K 1/12 (2006.01) F16K 15/02 (2006.01)**
[25] EN
[54] **NON-RETURN VALVE FOR FLUE GAS VENTING AND DAMPER ASSEMBLY FOR USE THEREIN**
[54] **CLAPET ANTIRETOUR DESTINE A L'AERATION DE GAZ DE CARNEAU ET DISPOSITIF D'ATTENUATEUR ASSOCIE AUDIT CLAPET**
[72] LEUNG, MARTIN KWAN YU, CA
[72] MARTINO, FILIPPO, CA
[71] IPEX TECHNOLOGIES INC., CA
[22] 2017-03-29
[41] 2017-09-30
[30] CA (2,925,561) 2016-03-30

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[21] **2,962,619**
[13] A1
[51] **Int.Cl. F16K 11/22 (2006.01) B65G 67/24 (2006.01) F16K 35/10 (2006.01)**
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[54] **UNLOAD TEE**
[54] **TE DE DECHARGE**
[72] LURK, MICHAEL J., US
[72] LINHORST, THOMAS, US
[72] LONG, JOHN, US
[71] BRAY INTERNATIONAL, INC., US
[22] 2017-03-30
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[51] **Int.Cl. G01M 3/40 (2006.01)**
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[54] **SYSTEM AND METHODS FOR MONITORING LEAKS IN UNDERGROUND STORAGE TANKS**
[54] **SYSTEME ET METHODES DE SURVEILLANCE DE FUITES DANS LES RESERVOIRS DE STOCKAGE SOUTERRAINS**
[72] RABB, DAVID M., US
[72] HUEY, KENNETH H., US
[71] LEAK DETECTION TECHNOLOGIES, INC., US
[22] 2017-03-29
[41] 2017-09-29
[30] US (15/084,267) 2016-03-29

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[51] **Int.Cl. B25J 9/16 (2006.01) B25J 19/06 (2006.01)**
[25] EN
[54] **POSITION MONITORING OF A KINEMATIC LINKAGE**
[54] **SURVEILLANCE DE POSITION D'UN LIEN CINEMATIQUE**
[72] KAPELLER, THOMAS, AT
[72] DIRSCHLMAYR, THOMAS, AT
[71] BERNECKER + RAINER INDUSTRIE- ELEKTRONIK GES.M.B.H, AT
[22] 2017-03-28
[41] 2017-09-29
[30] AT (A50256/2016) 2016-03-29

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[13] A1
[51] **Int.Cl. G01D 21/00 (2006.01) E04B 1/04 (2006.01) E04B 1/16 (2006.01) G01D 5/14 (2006.01) G01N 27/04 (2006.01) G01N 33/38 (2006.01)**
[25] EN
[54] **EMBEDDED WIRELESS MONITORING SENSORS**
[54] **CAPTEURS DE SURVEILLANCE SANS FIL INTEGRES**
[72] GHODS, POURIA, CA
[72] DE CARUFEL, SARAH, CA
[72] ALIZADEH, ROUHOLLAH, CA
[72] SALEHI, MUSTAFA, CA
[71] GHODS, POURIA, CA
[71] DE CARUFEL, SARAH, CA
[71] ALIZADEH, ROUHOLLAH, CA
[71] SALEHI, MUSTAFA, CA
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[25] EN
[54] **IN-USE WATER-TIGHT COUPLER FOR AN ELECTRICAL FLOOR BOX**
[54] **RACCORD ETANCHE FONCTIONNEL DESTINE A UN COFFRET ELECTRIQUE AU PLANCHER**
[72] BONILLA, NELSON, US
[72] SCANZILLO, THOMAS L., US
[72] WURMS, SCOTT BARRY, US
[71] HUBBELL INCORPORATED, US
[22] 2017-03-29
[41] 2017-09-30
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[25] EN
[54] **THORACIC ENDOSCOPE FOR SURFACE SCANNING**
[54] **ENDOSCOPE THORACIQUE DESTINE A LA TOMODENSITOMETRIE DE SURFACE**
[72] SARTOR, JOE D., US
[72] HARDING, WILLIAM C., US
[72] DIGMANN, PATRICK J., US
[71] COVIDIEN LP, US
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[30] US (62/315,773) 2016-03-31
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[54] **SIDE-FOLD PLANTER BAR**
[54] **BARRE DE JARDINIERE A PLI LATERAL**
[72] LYKKEN, TOM, US
[71] NORWOOD SALES INC., US
[22] 2017-03-24
[41] 2017-09-24
[30] US (62/312,989) 2016-03-24

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[51] **Int.Cl. B23Q 3/12 (2006.01)**
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[54] **LARGE-CAPACITY SPINDLE ASSEMBLIES AND COLLETS FOR USE IN DAVENPORT.RTM. MULTI-SPINDLE SCREW MACHINES**
[54] **ASSEMBLAGES DE PIVOTS GRANDE CAPACITE ET COLLETS DESTINES AUX MACHINES DE VIS MULTIPIVOTS DAVENPORT.RTM.**
[72] BELPANNO, SANDRO G., US
[72] HUGICK, JAMES P., US
[72] FRANCIA, PAUL P., US
[71] BRINKMAN PRODUCTS, INC., US
[22] 2017-03-29
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[25] EN
[54] **CONTAINER AND LID ASSEMBLY**
[54] **ENSEMBLE DE CONTENANT ET COUVERCLE**
[72] CHARRON, ANDRE, CA
[71] 9065-3395 QUEBEC INC., CA
[22] 2017-03-30
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[30] CA (2,925,502) 2016-03-30

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[25] EN
[54] **THERMALLY CONDUCTIVE LEATHER**
[54] **CUIR THERMOCONDUCTEUR**
[72] KOZLOWSKI, ERIC, US
[71] MAGNA SEATING INC., CA
[22] 2017-03-30
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[51] **Int.Cl. B60R 11/04 (2006.01)**
[25] EN
[54] **VEHICLE BACKING ASSISTANCE SYSTEM**
[54] **SYSTEME D'ASSISTANCE AU FREINAGE POUR VEHICULE**
[72] HAEN, LUKE, US
[72] HAEN, GERALD, US
[72] HAEN, YVONNE, US
[71] BAKSAFE! L.L.C., US
[22] 2017-03-29
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[30] US (62/314457) 2016-03-29

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[51] **Int.Cl. G01P 15/18 (2013.01) G01P 7/00 (2006.01)**
[25] EN
[54] **SENSOR SYSTEM FOR MEASURING A PARAMETER**
[54] **MECANISME DE CAPTEUR DESTINE A LA MESURE D'UN PARAMETRE**
[72] HAWKER, LARRY E., CA
[71] HAWKER, LARRY E., CA
[22] 2017-03-30
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[30] US (62/315954) 2016-03-31

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[51] **Int.Cl. B60P 3/07 (2006.01) B60S 9/16 (2006.01) B62B 3/00 (2006.01)**
[25] EN
[54] **VEHICLE DOLLY**
[54] **CHARIOT DE VEHICULE**
[72] NEVEU, GHISLAIN, CA
[72] CASTONGUAY, BENOIT, CA
[71] KAR AUCTION SERVICES, INC., CA
[22] 2017-03-30
[41] 2017-09-30
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[51] **Int.Cl. G06Q 20/14 (2012.01) G06Q 30/04 (2012.01) G06Q 50/12 (2012.01)**
[25] EN
[54] **WIRELESS SYSTEMS AND METHODS FOR BILL PAYMENT**
[54] **SYSTEMES SANS FIL ET METHODES DE PAIEMENT DE FACTURE**
[72] GRIFFIN, DESMOND, CA
[71] GLANCE PAY INC., CA
[22] 2017-03-30
[41] 2017-09-30
[30] US (62/316,218) 2016-03-31

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[51] **Int.Cl. B43K 5/08 (2006.01) B43K 1/06 (2006.01)**
[25] EN
[54] **INK DELIVERY SYSTEM**
[54] **SYSTEME DE DISTRIBUTION D'ENCRE**
[72] DEBARTOLO, DANIEL FRANCIS, JR., US
[72] KWAN, WING SUM VINCENT, US
[72] MARSCHAND, BRET R., US
[72] AKRAM, ISMAIL, GB
[72] CRAIGWOOD, AIDAN P., GB
[72] HOLTZMANN, KATHRIN JULIA, GB
[72] SAMS, STEPHEN, GB
[72] BEDOLLA, JIM, US
[71] SANFORD, L.P., US
[22] 2017-03-30
[41] 2017-09-30
[30] US (62/316,528) 2016-03-31

[21] **2,962,890**
[13] A1
[51] **Int.Cl. G08G 1/00 (2006.01)**
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[54] **TRAFFIC DATA ENCODING USING FIXED REFERENCES**
[54] **CODAGE DE DONNEES DE TRAFIC AU MOYEN DE REFERENCES FIXES**
[72] FRENCH, LESLIE JOHN, US
[71] SIRIUS XM RADIO INC., US
[22] 2017-03-29
[41] 2017-09-29
[30] US (62/314,630) 2016-03-29

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[51] **Int.Cl. A63B 71/08 (2006.01) A41D 13/015 (2006.01) A42B 3/12 (2006.01) A43B 1/00 (2006.01) A43B 5/16 (2006.01) A43B 7/32 (2006.01) A63B 71/10 (2006.01)**
[25] EN
[54] **ATHLETIC GEAR OR OTHER WEARABLE ARTICLES COMPRISING AN EXPANDABLE USER-ENGAGING STRUCTURE**
[54] **EQUIPEMENT ATHLETIQUE OU AUTRES ARTICLES PORTABLES COMPRENANT UNE STRUCTURE D'ENGAGEMENT DE L'UTILISATEUR EXTENSIBLE**
[72] CORBEIL, JEAN-FRANCOIS, CA
[72] LABONTE, IVAN, CA
[72] SEGUIN, ALEXIS, CA
[72] KRICK, THIERRY, CA
[71] BAUER HOCKEY LTD., CA
[22] 2017-03-31
[41] 2017-09-30
[30] US (62/315,947) 2016-03-31

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[51] **Int.Cl. F24B 13/04 (2006.01) A47J 37/07 (2006.01) F24B 1/08 (2006.01) F24B 1/20 (2006.01)**
[25] EN
[54] **FUEL SOURCE COMBUSTION ASSEMBLY AND COOKING APPARATUS**
[54] **DISPOSITIF DE COMBUSTION DE SOURCE DE COMBUSTIBLE ET APPAREIL DE CUISSON**
[72] BARROW, JAMES A., US
[71] JEBCO, INC., US
[22] 2017-03-30
[41] 2017-09-30
[30] US (62/315,845) 2016-03-31

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[13] A1
[51] **Int.Cl. B60W 10/04 (2006.01) B60F 5/00 (2006.01) B60W 10/02 (2006.01)**
[25] EN
[54] **ROUGH TERRAIN VEHICLE**
[54] **VEHICULE DESTINE AUX TERRAINS ACCIDENTES**
[72] SAKAMOTO, NAOKI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-03-31
[41] 2017-09-30
[30] JP (2016-071039) 2016-03-31

[21] **2,962,991**
[13] A1
[51] **Int.Cl. B60K 23/02 (2006.01) B60F 5/00 (2006.01)**
[25] EN
[54] **ROUGH TERRAIN VEHICLE**
[54] **VEHICULE DESTINE AUX TERRAINS ACCIDENTES**
[72] SAKAMOTO, NAOKI, JP
[72] NOZAKI, YASUHIRO, JP
[72] KOBAYASHI, NAOKI, JP
[72] ARAI, DAI, JP
[72] KOCHI, TAKAO, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-03-31
[41] 2017-09-30
[30] JP (2016-071541) 2016-03-31

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[51] **Int.Cl. B60R 22/48 (2006.01) B60W 50/12 (2012.01) B60F 5/00 (2006.01) B60K 28/02 (2006.01) B60W 30/18 (2012.01)**
[25] EN
[54] **ROUGH TERRAIN VEHICLE**
[54] **VEHICULE DESTINE AUX TERRAINS ACCIDENTES**
[72] SAKAMOTO, NAOKI, JP
[72] WILLIAMS, DUSTIN L., US
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-03-31
[41] 2017-09-30
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[51] **Int.Cl. A61G 7/018 (2006.01) A61G 7/005 (2006.01) A61G 7/05 (2006.01)**
[25] EN
[54] **PATIENT SUPPORT APPARATUS WITH ADJUSTABLE FOOT SECTION**
[54] **APPAREIL DE SOUTIEN DU PATIENT A SUPPORT DE PIED AJUSTABLE**
[72] ELKU, JOSEPH STEVEN DAVID, CA
[72] CONNELL, JASON JOHN, CA
[72] CERNY, JASON JAMES, CA
[72] DERENNE, RICHARD A., US
[71] STRYKER CORPORATION, US
[22] 2017-03-31
[41] 2017-09-30
[30] US (62/316,141) 2016-03-31

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[51] **Int.Cl. G06F 17/11 (2006.01) G06Q 10/04 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING A MINIMUM CONNECTED DOMINATING SET IN A GRAPH**
[54] **METHODE ET SYSTEME PERMETTANT DE DETERMINER UN ENSEMBLE DOMINANT CONNECTE MINIMAL DANS UN GRAPHIQUE**
[72] CHANGIZ REZAEI, SEYED SAEED, CA
[72] WOODS, BRAD, CA
[72] RONAGH, POOYA, CA
[71] IQB INFORMATION TECHNOLOGIES INC., CA
[22] 2017-03-30
[41] 2017-09-30
[30] US (15/085.651) 2016-03-30

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[51] **Int.Cl. G07D 7/202 (2016.01) G06K 9/00 (2006.01)**
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[54] **STORING INDENTIFICATION DATA AS VIRTUAL PERSONALLY INDENTIFIABLE INFORMATION**
[54] **ENREGISTREMENT DE DONNEES D'IDENTIFICATION COMME INFORMATION D'IDENTIFICATION PERSONNELLE VIRTUELLE**
[72] RODRIGUEZ, RAPHAEL A., US
[71] CONFIRM, INC., US
[22] 2017-03-31
[41] 2017-09-30
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[51] **Int.Cl. G01V 3/12 (2006.01) G01V 3/20 (2006.01)**
[25] EN
[54] **TUNED PROBE STYLE PROGAGATION RESISTIVITY TOOL**
[54] **OUTIL DE RESISTANCE A LA PROPAGATION DE TYPE SONDE ACCORDEE**
[72] EDLER, KARL, CA
[72] BRAISHER, STEVE, CA
[71] PULSE DIRECTIONAL TECHNOLOGIES, INC., CA
[22] 2017-03-31
[41] 2017-09-30
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[51] **Int.Cl. F04B 49/00 (2006.01) F04B 47/04 (2006.01) F04B 49/08 (2006.01) F15B 9/02 (2006.01)**
[25] EN
[54] **GAS COMPRESSOR AND SYSTEM AND METHOD FOR GAS COMPRESSING**
[54] **COMPRESSEUR A GAZ ET SYSTEME ET METHODE DE COMPRESSION DE GAZ**
[72] MCCARTHY, DAN, CA
[71] I-JACK TECHNOLOGIES INCORPORATED, CA
[22] 2017-05-31
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[13] A1
[51] **Int.Cl. C10G 1/04 (2006.01) B03B 9/02 (2006.01)**
[25] EN
[54] **USE OF A POLYSACCHARIDE TO ASSIST FINES CAPTURE IN OIL SAND TAILINGS**
[54] **UTILISATION DE POLYSACCHARIDE POUR AIDER A LA CAPTURE DE RESIDUS FINS DANS LES RESIDUS DE SABLES BITUMINEUX**
[72] SAKUHUNI, GIVEMORE, CA
[72] BARTLETT, BRUCE K., CA
[72] RENNARD, DAVID C., CA
[72] ZAHABI, ATOOSA, CA
[71] IMPERIAL OIL RESOURCES LIMITED, CA
[22] 2017-07-26
[41] 2017-09-26

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[13] A1
[51] **Int.Cl. E21B 43/241 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **METHOD OF SOLVENT RECOVERY FROM A SOLVENT BASED HEAVY OIL EXTRACTION PROCESS**
[54] **METHODE DE RECUPERATION DE SOLVANT D'UN PROCEDE D'EXTRACTION DE PETROLE LOURD A BASE DE SOLVANT**
[72] KHALEDI, RAHMAN, CA
[72] FARSHIDI, FOROUGH, CA
[72] MOTAHHARI, HAMED R., CA
[72] SABER, NIMA, CA
[72] PUSTANYK, B. KARL, CA
[72] DELA ROSA, ERNESTO C., CA
[72] HAN, WENQUIANG, CA
[71] IMPERIAL OIL RESOURCES LIMITED, CA
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[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/16 (2006.01)**
[25] EN
[54] **ENHANCED METHODS FOR RECOVERING VISCOUS HYDROCARBONS FROM A SUBTERRANEAN FORMATION AS A FOLLOW-UP TO THERMAL RECOVERY PROCESSES**
[54] **METHODES AMELIOREES DE RECUPERATION D'HYDROCARBURES VISQUEUX D'UNE FORMATION SOUTERRAINE COMME ETAPE QUI SUIT DES PROCEDES DE RECUPERATION THERMIQUE**
[72] MOTAHHARI, HAMED R., CA
[72] KHALEDI, RAHMAN, CA
[72] SABER, NIMA, CA
[72] DUNN, JAMES A., CA
[71] IMPERIAL OIL RESOURCES LIMITED, CA
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[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/16 (2006.01)**
[25] EN
[54] **METHODS OF RECOVERING VISCOUS HYDROCARBONS FROM A SUBTERRANEAN FORMATION**
[54] **METHODES DE RECUPERATION D'HYDROCARBURES VISQUEUX D'UNE FORMATION SOUTERRAINE**
[72] MOTAHHARI, HAMED R., CA
[72] KHALEDI, RAHMAN, CA
[72] SABER, NIMA, CA
[71] IMPERIAL OIL RESOURCES LIMITED, CA
[22] 2017-07-27
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[13] A1
[51] **Int.Cl. A47J 43/00 (2006.01) A47J 44/00 (2006.01) B26D 1/14 (2006.01)**
[25] EN
[54] **SLICING DISC ASSEMBLY FOR FOOD PROCESSOR**
[54] **ASSEMBLAGE DE DISQUE COULISSANT DESTINE A UN ROBOT CULINAIRE**
[72] ZAKOWSKI, JOSEPH W., US
[72] FUNG, KAM FAI, US
[71] CONAIR CORPORATION, US
[22] 2017-07-27
[41] 2017-09-29
[30] US (15/234115) 2016-08-11

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

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[25] EN
[54] **INSULATED CONCRETE PANEL FORM AND METHOD OF MAKING SAME**
[54] **COFFRAGE EN PANNEAU A BETON ISOLE ET SON PROCEDE DE FABRICATION**
[72] BAADER, BENJAMIN, CA
[71] BAADER, BENJAMIN, CA
[85] 2016-03-29
[86] 2014-12-16 (PCT/CA2014/000904)
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[30] US (61/917,188) 2013-12-17

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[51] **Int.Cl. F21V 13/04 (2006.01) F21K 9/23 (2016.01) F21V 5/04 (2006.01) F21V 7/06 (2006.01)**
[25] EN
[54] **PARABOLIC LED LAMP**
[54] **LAMPE A DEL PARABOLIQUE**
[72] CAO, MAOJUN, CN
[72] CHEN, HUI, CN
[72] FANG, HU, CN
[71] NINGBO YAMAO OPTOELECTRONICS CO., LTD., CN
[85] 2016-04-28
[86] 2016-04-07 (PCT/CN2016/078673)
[87] (2928345)
[30] CN (201620270723.8) 2016-03-31
[30] CN (201610203483.4) 2016-03-31

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[13] A1
[51] **Int.Cl. B23K 9/26 (2006.01) B23K 9/24 (2006.01) B23K 9/28 (2006.01)**
[25] EN
[54] **ELECTRODE TIP REMOVER**
[54] **EXTRACTEUR DE POINTE D'ELECTRODE**
[72] NAKAJIMA, KOTARO, JP
[71] KYOKUTOH CO., LTD., JP
[85] 2016-11-02
[86] 2016-03-31 (PCT/JP2016/001879)
[87] (2947232)

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[13] A1
[51] **Int.Cl. H04N 5/44 (2011.01) H04N 5/64 (2006.01) H04R 3/04 (2006.01)**
[25] EN
[54] **CONNECTING PIECE FOR EXTERNAL DEVICE OF SMART TELEVISION**
[54] **PIECE DE RACCORD DESTINE A UN DISPOSITIF EXTERNE D'UN TELEVISEUR INTELLIGENT**
[72] GENG, LEI, CN
[71] LE HOLDINGS (BEIJING) CO., LTD., CN
[71] LE SHI ZHI XIN ELECTRONIC TECHNOLOGY (TIANJIN) LIMITED, CN
[85] 2016-11-04
[86] 2016-08-25 (PCT/CN2016/096663)
[87] (2947565)
[30] CN (201620257612.3) 2016-03-30

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[51] **Int.Cl. G08G 1/09 (2006.01) G08G 1/0962 (2006.01)**
[25] EN
[54] **METHOD, DEVICE AND SYSTEM FOR CALCULATING A LIST OF PRIORITY INDICATORS,IN AN EMERGENCY-VEHICLE-UNITS DEPLOYMENT SYSTEM, FOR EACH OF A PLURALITY OF POSTS**
[54] **METHODE, DISPOSITIF ET SYSTEME DE CALCUL D'UNE LISTE D'INDICATEURS DE PRIORITE DANS UN SYSTEME DE DEPLOIEMENT DE VEHICULES D'URGENCE, POUR CHACUN DE LA PLURALITE DE POSTES**
[72] NEPOGODIN, ANDREW, CA
[71] CAE INC., CA
[85] 2017-01-27
[86] 2016-03-31 (PCT/CA2016/000088)
[87] (2956611)

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[51] **Int.Cl. A61K 31/4184 (2006.01) A61K 31/337 (2006.01) A61K 31/555 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **VELIPARIB IN COMBINATION WITH CARBOPLATIN AND PACLITAXEL FOR THE TREATMENT OF NON-SMALL CELL LUNG CANCER IN SMOKERS**
[54] **VELIPARIB EN COMBINAISON AVEC DU CARBOPLATINE ET DU PACLITAXEL POUR LE TRAITEMENT DU CANCER DU POUMON NON A PETITES CELLULES CHEZ DES FUMEURS**
[72] GIRANDA, VINCENT, US
[72] GORDON, GARY, US
[72] MCKEE, MARK D., US
[72] QIAN, JANE, US
[72] QIN, QIN, US
[71] ABBVIE INC., US
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[25] EN
[54] **CD94/NKG2A AND/OR CD94/NKG2B ANTIBODY, VACCINE COMBINATIONS**
[54] **COMBINAISONS D'ANTICORPS CD94/NKG2A ET CD94/NKG2B ET DE VACCIN**
[72] VAN DER BURG, SJOERD, NL
[72] VAN HALL, THORBALD, NL
[71] ACADEMISCH ZIEKENHUIS LEIDEN H.O.D.N. LUMC, NL
[85] 2017-02-24
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[25] EN
[54] **COMPOSITIONS, SYSTEMS, AND METHODS FOR GENERATING INNER EAR HAIR CELLS FOR TREATMENT OF HEARING LOSS**
[54] **COMPOSITIONS, SYSTEMES ET PROCEDES POUR LA PRODUCTION DE CELLULES CILIEES DE L'OREILLE INTERNE POUR LE TRAITEMENT DE LA PERTE AUDITIVE**
[72] KARP, JEFFREY M., US
[72] LANGER, ROBERT S., US
[72] YIN, XIAOLEI, US
[72] JOSHI, NITIN, US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2017-02-24
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[25] EN
[54] **HETEROBICYCLIC COMPOUNDS AND THEIR USE FOR THE TREATMENT OF TUBERCULOSIS**
[54] **COMPOSES HETEROCYCLIQUES ET LEUR UTILISATION POUR LE TRAITEMENT DE LA TURBERCULOSE**
[72] SHIMIZU, HIROSHI, JP
[72] KAWANO, YOSHIKAZU, JP
[72] ISHIKAWA, SHUNPEI, JP
[72] UEMATSU, YUKITAKA, JP
[72] SHINOHARA, TOSHIO, JP
[72] ITOTANI, MOTOHIRO, JP
[72] HARAGUCHI, YOSHIKAZU, JP
[72] TAKEMURA, ISAO, JP
[72] KANESHIGE, ATSUNORI, JP
[72] NAKAI, YUYA, JP
[72] HARIGUCHI, NORIMITSU, JP
[72] HAYASHI, YOHEI, JP
[72] MATSUMOTO, MAKOTO, JP
[71] OTSUKA PHARMACEUTICAL CO., LTD., JP
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION AND THERAPEUTIC COMBINATION COMPRISING A CHOLESTERYL ESTER TRANSFER PROTEIN INHIBITOR AND HMG COA REDUCTASE INHIBITORS**
[54] **COMPOSITION PHARMACEUTIQUE ET COMBINAISON THERAPEUTIQUE COMPRENANT UN INHIBITEUR DE PROTEINE DE TRANSFERT D'ESTER DE CHOLESTERYLE ET DES INHIBITEURS DE HMG-COA REDUCTASE**
[72] JOHN, FORD, NL
[72] ROUND, PATRICK, GB
[72] KASTELEIN, JOHN, NL
[71] DEZIMA PHARMA B.V., NL
[85] 2017-02-27
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[54] **TETRAHYDRONAPHTHALENE DERIVATIVES THAT INHIBIT MCL-1 PROTEIN**
[54] **DERIVES DU TETRAHYDRONAPHTALENE INHIBANT LA PROTEINE MCL-1**
[72] BROWN, SEAN P., US
[72] LI, YUNXIAO, US
[72] LIZARZABURU, MIKE ELIAS, US
[72] LUCAS, BRIAN S., US
[72] PARAS, NICK A., US
[72] TAYGERLY, JOSHUA, US
[72] VIMOLRATANA, MARC, US
[72] WANG, XIANGHONG, US
[72] YU, MING, US
[72] ZANCANELLA, MANUEL, US
[72] ZHU, LIUSHENG, US
[72] GONZALEZ BUENROSTRO, ANA, US
[72] LI, ZHIHONG, US
[71] AMGEN INC., US
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[25] EN
[54] **CYTOTOXIC BENZODIAZEPINE DERIVATIVES**
[54] **DERIVES DE BENZODIAZEPINE CYTOTOXIQUE**
[72] CHARI, RAVI V.J., US
[72] MILLER, MICHAEL LOUIS, US
[72] SHIZUKA, MANAMI, US
[71] IMMUNOGEN, INC., US
[85] 2017-02-28
[86] 2015-09-02 (PCT/US2015/048059)
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[30] US (62/045,248) 2014-09-03
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[25] EN
[54] **PYRROLOBENZODIAZEPINES AND ANTIBODY DISULFIDE CONJUGATES THEREOF**
[54] **PYRROLOBENZODIAZEPINES ET CONJUGUES A BASE DE DISULFURE D'ANTICORPS ASSOCIES**
[72] FLYGARE, JOHN A., US
[72] PILLOW, THOMAS H., US
[71] GENENTECH, INC., US
[85] 2017-02-28
[86] 2015-09-17 (PCT/US2015/050634)
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[25] EN
[54] **TOPICAL PTEROSTILBENE COMPOSITIONS FOR USE IN TREATING UV-INDUCED LOSS OF BARRIER FUNCTION IN SKIN**
[54] **COMPOSITIONS TOPIQUES DE PTEROSTILBENE DESTINEES A ETRE UTILISEES DANS LE TRAITEMENT DE LA PERTE, INDUITE PAR LES UV, DE LA FONCTION BARRIERE DE LA PEAU**
[72] MEYSKENS, FRANK L., JR., US
[72] DELLINGER, RYAN W., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2017-03-01
[86] 2015-09-03 (PCT/US2015/048422)
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[25] EN
[54] **PYRAZOLE DERIVATIVES AS SGC STIMULATORS**
[54] **DERIVES DE PYRAZOLE UTILISES COMME STIMULATEURS DE SGC**
[72] BARDEN, TIMOTHY CLAUDE, US
[72] SHEPPECK, JAMES EDWARD, US
[72] RENNIE, GLEN ROBERT, US
[72] RENHOWE, PAUL ALLAN, US
[72] PERL, NICHOLAS, US
[72] NAKAI, TAKASHI, US
[72] MERMERIAN, ARA, US
[72] LEE, THOMAS WAI-HO, US
[72] JUNG, JOON, US
[72] JIA, JAMES, US
[72] IYER, KARTHIK, US
[72] IYENGAR, RAJESH R., US
[72] IM, G-YOON JAMIE, US
[71] IRONWOOD PHARMACEUTICALS, INC., US
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[86] 2015-09-16 (PCT/US2015/050468)
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[51] **Int.Cl. C10G 1/06 (2006.01)**
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[54] **USE OF CARBON DIOXIDE GENERATED BY HYDROPYROLYSIS FOR PROCESS INERTIZATION**
[54] **UTILISATION DE DIOXYDE DE CARBONE PRODUIT PAR HYDROPYROLYSE POUR INERTISATION DE PROCEDE**
[72] LINCK, MARTIN B., US
[72] MARKER, TERRY L., US
[72] ROBERTS, MICHAEL J., US
[72] FELIX, LARRY G., US
[71] GAS TECHNOLOGY INSTITUTE, US
[85] 2017-03-01
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[25] EN
[54] **THERAPEUTIC COMPOUNDS AS INHIBITORS OF THE OREXIN-1 RECEPTOR**
[54] **COMPOSES THERAPEUTIQUES UTILISABLES EN TANT QU'INHIBITEURS DU RECEPTEUR DE L'OREXINE-1**
[72] BLANEY, EMMA LOUISE, GB
[72] MARTIN, BARRIE PHILLIP, GB
[72] NOWAK, THORSTEN, GB
[72] WATSON, MARTIN JOHN, GB
[71] C4X DISCOVERY LIMITED, GB
[85] 2017-03-01
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[25] EN
[54] **LIQUID INHALATION FORMULATION COMPRISING RPL554**
[54] **FORMULATION LIQUIDE POUR INHALATION COMPRENANT DU RPL554**
[72] SPARGO, PETER LIONEL, GB
[72] FRENCH, EDWARD JAMES, GB
[72] HAYWOOD, PHILLIP A., GB
[71] VERONA PHARMA PLC, GB
[85] 2017-03-01
[86] 2015-09-15 (PCT/GB2015/052668)
[87] (WO2016/042313)
[30] GB (1416274.7) 2014-09-15
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[25] EN
[54] **NOVEL SALTS OF 3-[(DIMETHYLAMINO)METHYL]-N-{2-[4-(HYDROXYCARBAMOYL)PHENOXY]ETHYL}-1-BENZOFURAN-2-CARBOXAMIDE, RELATED CRYSTALLINE FORMS, METHOD FOR PREPARING THE SAME AND PHARMACEUTICAL COMPOSITIONS CONTAINING THE SAME**
[54] **NOUVEAUX SELS DE 3-[(DIMETHYLAMINO)METHYL]-N-{2-[4-(HYDROXYCARBAMOYL)PHENOXY]ETHYL}-1-BENZOFURANE-2-CARBOXAMIDE, FORMES CRISTALLINES APPARENTEES, PROCEDE POUR LEUR PREPARATION ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT**
[72] GAILLARD, MARINA, FR
[72] LETELLIER, PHILIPPE, FR
[71] PHARMACYCLICS LLC, US
[85] 2017-03-02
[86] 2015-09-03 (PCT/US2015/048243)
[87] (WO2016/036910)
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[25] EN
[54] **CAMKII INHIBITORS AND USES THEREOF**
[54] **INHIBITEURS CAMKII ET LEURS UTILISATIONS**
[72] LEVY, DANIEL E., US
[72] SCHULMAN, HOWARD, US
[72] PARASELLI, BHEEMA RAO, US
[72] KUMAR, NANGUNOORI SAMPATH, IN
[72] DABBUGODDU, BRAHMAIAH, IN
[72] BALASUBRAMANYAM, CHUNDRU, IN
[71] ALLOSTEROS THERAPEUTICS, INC., US
[85] 2017-03-02
[86] 2015-09-04 (PCT/US2015/048640)
[87] (WO2016/037106)
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[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS**
[54] **COMPOSITIONS PHARMACEUTIQUES**
[72] BOSSE, PAUL, US
[72] AMELING, JOHN, US
[72] KOZAREK, WILLIAM, US
[72] SCHACHTEL, BERNARD, US
[71] CHARLESTON LABORATORIES, INC., US
[85] 2017-03-02
[86] 2015-09-08 (PCT/US2015/048999)
[87] (WO2016/040358)
[30] US (62/047,882) 2014-09-09
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[25] EN
[54] **CENICRIVIROC COMBINATION THERAPY FOR THE TREATMENT OF FIBROSIS**
[54] **POLYTHERAPIE AU CENICRIVIROC POUR LE TRAITEMENT DE LA FIBROSE**
[72] LEFEBVRE, ERIC, US
[71] TOBIRA THERAPEUTICS, INC., US
[85] 2017-03-03
[86] 2015-09-11 (PCT/US2015/049779)
[87] (WO2016/040860)
[30] US (62/049,591) 2014-09-12
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[51] **Int.Cl. B03B 9/06 (2006.01) C10L 5/46 (2006.01) C10L 5/48 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING ENGINEERED FUEL**
[54] **PROCEDE DE PRODUCTION DE CARBURANT ELABORE**
[72] TOBERMAN, RICHARD A., US
[71] WM INTELLECTUAL PROPERTY HOLDINGS, L.L.C., US
[85] 2017-03-03
[86] 2016-06-24 (PCT/US2016/039357)
[87] (WO2016/210326)
[30] US (62/184,163) 2015-06-24

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[51] **Int.Cl. G01N 33/48 (2006.01) G01N 33/52 (2006.01)**
[25] EN
[54] **METHODS FOR PREDICTING THE RISK OF DEVELOPING BREAST CANCER**
[54] **PROCEDES PERMETTANT DE PREDIRE LE RISQUE DE DEVELOPPER UN CANCER DU SEIN**
[72] PATHANIA, SHAILJA, US
[72] LIVINGSTON, DAVID, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2017-03-03
[86] 2015-09-24 (PCT/US2015/051926)
[87] (WO2016/049306)
[30] US (62/054,787) 2014-09-24

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[51] **Int.Cl. A61K 36/48 (2006.01) A61K 36/03 (2006.01) A61P 3/08 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **TREATMENT OF CANCER WITH ALPHA-AMYLASE INHIBITOR IN COMPANION ANIMALS**
[54] **TRAITEMENT D'UN CANCER AVEC UN INHIBITEUR DE L'ALPHA-AMYLASE CHEZ LES ANIMAUX DE COMPAGNIE**
[72] PAN, YUANLONG, US
[71] NESTEC S.A., CH
[85] 2017-03-06
[86] 2015-09-17 (PCT/IB2015/057176)
[87] (WO2016/042518)
[30] US (62/052,571) 2014-09-19
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[51] **Int.Cl. A61K 36/48 (2006.01) A61P 3/08 (2006.01)**
[25] EN
[54] **METHODS AND FORMULATIONS FOR REDUCING ABSORPTION OF CARBOHYDRATES IN A COMPANION ANIMAL**
[54] **PROCEDES ET FORMULATIONS POUR REDUIRE L'ABSORPTION DE GLUCIDES CHEZ UN ANIMAL DE COMPAGNIE**
[72] PAN, YUANLONG, US
[71] NESTEC S.A., CH
[85] 2017-03-06
[86] 2015-09-17 (PCT/IB2015/057175)
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[30] US (62/052,580) 2014-09-19
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[25] EN
[54] **MAO-B INHIBITORS AND REHABILITATION**
[54] **INHIBITEURS DE MAO-B ET REEDUCATION**
[72] TULLY, TIMOTHY, US
[72] PERERA, PHILIP, US
[71] DART NEUROSCIENCE (CAYMAN) LTD., KY
[85] 2017-03-06
[86] 2015-09-17 (PCT/US2015/050767)
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[30] US (62/051,728) 2014-09-17

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[51] **Int.Cl. C10G 65/12 (2006.01)**
[25] EN
[54] **CATALYST CONFIGURATION FOR INCREASED HYDROCRACKING ACTIVITY**
[54] **CONFIGURATION DE CATALYSEUR VISANT A AMELIORER L'ACTIVITE D'HYDROCRAQUAGE**
[72] XU, XIAOCHUN, US
[72] MILLER, AMANDA K., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2017-03-06
[86] 2015-10-07 (PCT/US2015/054427)
[87] (WO2016/069224)
[30] US (62/069,398) 2014-10-28
[30] US (62/152,076) 2015-04-24

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[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/395 (2006.01) A61K 31/437 (2006.01) A61K 31/444 (2006.01) A61K 31/4545 (2006.01) A61K 31/4725 (2006.01) A61K 31/553 (2006.01) A61P 29/00 (2006.01) A61P 37/06 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **HETEROARYL COMPOUNDS AS BTK INHIBITORS AND USES THEREOF**
[54] **COMPOSES HETEROARYLE SERVANT D'INHIBITEURS DE LA BTK, ET LEURS UTILISATIONS**
[72] GAILLARD, PASCALE, FR
[72] SEENISAMY, JEYAPRAKASHNARAYANAN, IN
[72] LIU-BUJALSKI, LESLEY, US
[72] POTNICK, JUSTIN, US
[72] CALDWELL, RICHARD D., US
[72] QIU, HUI, US
[72] NEAGU, CONSTANTIN, US
[72] JONES, REINALDO, US
[72] WON, ANNIE CHO, US
[72] GOUTOPOULOS, ANDREAS, US
[72] SHERER, BRIAN A., US
[72] JOHNSON, THERESA L., US
[72] GARDBERG, ANNA, US
[71] MERCK PATENT GMBH, DE
[85] 2017-03-06
[86] 2015-10-06 (PCT/US2015/054221)
[87] (WO2016/057500)
[30] US (62/060,249) 2014-10-06

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[51] **Int.Cl. C10G 65/12 (2006.01)**
[25] EN
[54] **CATALYST CONFIGURATION FOR INCREASED HYDROCRACKING ACTIVITY**
[54] **CONFIGURATION DE CATALYSEUR VISANT A AMELIORER L'ACTIVITE D'HYDROCRAQUAGE**
[72] XU, XIAOCHUN, US
[72] MILLER, AMANDA K., US
[72] MADLINGER, ADAM, US
[72] QUANN, RICHARD J., US
[72] PARKER, DEAN EDWIN, US
[72] KAUFMAN, JEFFREY LAWRENCE, US
[72] KAWABE, MATTHEW, US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2017-03-06
[86] 2015-10-07 (PCT/US2015/054420)
[87] (WO2016/069223)
[30] US (62/069,398) 2014-10-28
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[54] **N-PYRIDINYL ACETAMIDE DERIVATIVES AS INHIBITORS OF THE WNT SIGNALLING PATHWAY**
[54] **DERIVES DE N-PYRIDYL ACETAMIDE UTILISES COMME INHIBITEURS DE LA VOIE DE SIGNALISATION WNT**
[72] BHAMRA, INDER, GB
[72] BINGHAM, MATILDA, GB
[72] TESTAR, RICHARD, GB
[72] SARGENT, LOUISE, GB
[72] DONOGHUE, CRAIG, GB
[71] REDX PHARMA PLC, GB
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[54] **CRYSTALLINE FORMS OF 2-(4-(4-ETHOXY-6-OXO-1,6-DIHYDROPYRIDIN-3-YL)-2-FLUOROPHENYL)-N-(5-(1,1,1-TRIFLUORO-2-METHYLPROPAN-2-YL)ISOXAZOL-3-YL)ACETAMIDE**
[54] **FORMES CRISTALLINES DE 2-(4-(4-ETHOXY-6-OXO-1,6-DIHYDROPYRIDIN-3-YL)-2-FLUOROPHENYL)-N-(5-(1,1,1-TRIFLUORO-2-METHYLPROPAN-2-YL)ISOXAZOL-3-YL)ACETAMIDE**
[72] CHEUNG, MUI, US
[72] CLARK, WILLIAM M., US
[72] EIDAM, HILARY SCHENCK, US
[72] LAMEY, KIMBERLY ANNE, US
[72] THOMAS, JAMES V., US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
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[54] **COMPOSITION PHARMACEUTIQUE POUR LE TRAITEMENT D'INFECTIONS MULTIRESISTANTES**
[72] VISHWAKARMA, RAM, IN
[72] KUMAR, AJAY, IN
[72] KHAN, INSHAD ALI, IN
[72] BHARATE, SANDIP BIBISHAN, IN
[72] JOSHI, PRASHANT, IN
[72] SINGH, SAMSHER, IN
[72] SATTI, NARESH, IN
[71] COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, IN
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[54] **FUSED BICYCLIC (HETERO)AROMATIC COMPOUNDS USEFUL FOR THE TREATMENT OF CANCERS**
[54] **COMPOSES (HETERO)AROMATIQUES BICYCLIQUES CONDENSES UTILES POUR LE TRAITEMENT DE CANCERS**
[72] BINGHAM, MATILDA, GB
[72] TESTAR, RICHARD, GB
[72] GIGNOUX, CAMILLE, GB
[71] REDX PHARMA PLC, GB
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[54] **DISPOSITIF DE CONTROLE DE CHAUFFE-EAU**
[72] TANG, TAIYING, CN
[71] GUANGZHOU SEAGULL KITCHEN AND BATH PRODUCTS CO., LTD, CN
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[54] **METHODS TO DIAGNOSE AND TREAT MULTIPLE SCLEROSIS VIA DETECTION OF ALTERED PROTEIN COMPONENTS OF SERUM**
[54] **PROCEDES POUR DIAGNOSTIQUER ET TRAITER LA SCLEROSE EN PLAQUES PAR LA DETECTION DE COMPOSANTS DE PROTEINE ALTERES DANS LE SERUM**
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[71] YUSCIENCE, LLC, US
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[54] **TIMBRE A L'OPIPRAMOL**
[72] YACOBY-ZEEVI, ORON, IL
[72] NEMAS, MARA, IL
[71] NEURODERM, LTD., IL
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[54] **PYRIDONE DERIVATIVES AS REARRANGED DURING TRANSFECTION (RET) KINASE INHIBITORS**
[54] **DERIVES DE PYRIDONE A TITRE D'INHIBITEURS DE LA KINASE REARRANGEE AU COURS DE LA TRANSFECTION (RET)**
[72] DEMARTINO, MICHAEL P., US
[72] GUAN, HUIPING AMY, CN
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
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[54] **CONTENANT DE SUBSTANCE**
[72] GUELLER, ROLF, CH
[72] SCHNEIDER, MICHAEL, CH
[72] THALER, THOMAS, CH
[72] SCHINDER, MARKUS, CH
[71] CHEMSPEED TECHNOLOGIES AG, CH
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[54] **SEALANT COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS ET PROCEDES D'AGENTS D'ETANCHEITE**
[72] HAWKINSON, RANDE, US
[72] ENGELKEN, THOMAS, US
[72] BLOUNT, JOHN E., US
[72] KLAEHN, DARIN, US
[71] CAL-TEX PROTECTIVE COATINGS, INC., US
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[54] **SELECTIVE HYDROGENATION CATALYST AND METHODS OF MAKING AND USING SAME**
[54] **CATALYSEUR D'HYDROGENATION SELECTIVE ET PROCEDES DE FABRICATION ET D'UTILISATION DE CE DERNIER**
[72] CHEUNG, TIN-TACK PETER, US
[72] HONG, ZONGXUZN, US
[72] BERGMEISTER, JOSEPH, III, US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
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[54] **INTERFACE MODULE FOR FILTER INTEGRITY TESTING**
[54] **MODULE D'INTERFACE PERMETTANT D'ESSAYER L'INTEGRITE D'UN FILTRE**
[72] ADHIKARI, JIWAN, US
[72] ERICKSON, JOHN, US
[71] EMD MILLIPORE CORPORATION, US
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[54] **BLOWING HEAD, METHOD FOR MANUFACTURING A BLOWN FILM AND BLOWN-FILM PLANT**
[54] **TETE DE SOUFFLAGE, PROCEDE DE FABRICATION D'UNE FEUILLE SOUFFLEE ET INSTALLATION POUR FEUILLES SOUFFLEES**
[72] SCHUMACHER, HOLGER, DE
[72] SCHROETER, BERND, DE
[71] REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK, DE
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[54] **SOIL-RESISTANT, STAIN-RESISTANT COATINGS AND METHODS OF APPLYING ON TEXTILE OR OTHER FLEXIBLE MATERIALS**
[54] **REVETEMENTS RESISTANTS A LA SALISSURE, RESISTANTS AUX TACHES ET PROCEDES D'APPLICATION SUR DES MATERIAUX TEXTILES OU D'AUTRES MATERIAUX FLEXIBLES**
[72] CURRAN, SEAMUS, US
[72] LIAO, KANG-SHYANG, US
[72] WANG, ALEXANDER, US
[72] ALLEY, NIGEL J., US
[72] HALDAR, AMRITA, US
[71] UNIVERSITY OF HOUSTON SYSTEM, US
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[54] **SOIL-RESISTANT, STAIN-RESISTANT FLUORINE-FREE COATINGS AND METHODS OF APPLYING ON MATERIALS**
[54] **REVETEMENTS RESISTANT A LA SALISSURE, RESISTANT AUX TACHES SANS FLUOR ET PROCEDES D'APPLICATION SUR DES MATERIAUX**
[72] CURRAN, SEAMUS, US
[72] LIAO, KANG-SHYANG, US
[72] ALLEY, NIGEL, US
[72] HALDAR, AMRITA, US
[72] WANG, ALEXANDER, US
[71] UNIVERSITY OF HOUSTON SYSTEM, US
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[54] **REGLAGE DE LA CONCENTRATION DANS DES SYSTEMES DE FILTRATION ET PROCEDES ASSOCIES**
[72] MCGOVERN, RONAN K., US
[72] LIENHARD V, JOHN H., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2017-05-11
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[54] **PACKAGING CONTAINER**
[54] **RECIPIENT D'EMBALLAGE**
[72] JOUBERT, PIETER BOSMAN, ZA
[71] BOLAND PROMOTIONS (PTY) LTD, ZA
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[54] **PET FOOD PACKAGING**
[54] **EMBALLAGE DESTINE A UN ALIMENT POUR ANIMAUX DE COMPAGNIE**
[72] MIYAMOTO, KATSUNORI, JP
[72] INOUE, KAZUNORI, JP
[72] YOSHIDA, KOTARO, JP
[71] UNICHARM CORPORATION, JP
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[54] **A DISPENSER DEVICE AND A METHOD FOR RINSING THE DISPENSER DEVICE**
[54] **DISPOSITIF DISTRIBUTEUR ET PROCEDE POUR RINCER CE DISPOSITIF DISTRIBUTEUR**
[72] VIRTANEN, VILLE, FI
[72] MAKI-LAURILA, TIMO, FI
[71] WALLAC OY, FI
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[54] **WELL-DEFINED DEGRADABLE POLY(PROPYLENE FUMARATE) POLYMERS AND SCALABLE METHODS FOR THE SYNTHESIS THEREOF**
[54] **POLYMERES BIEN DEFINIS DE POLY(FUMARATE DE PROPYLENE) DEGRADABLE ET PROCEDE EVOLUTIF PERMETTANT DE LES SYNTHETISER**
[72] BECKER, MATTHEW, US
[72] DEAN, HOWARD, US
[72] LUO, YUANYUAN, US
[71] THE UNIVERSITY OF AKRON, US
[71] THE OHIO STATE UNIVERSITY, US
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[54] **OBJECT PRODUCTION**
[54] **PRODUCTION D'OBJET**
[72] SANDERSON, STEVEN NEIL, GB
[72] BICKERSTAFF, VANESSA GERMAINE, GB
[71] BAE SYSTEMS PLC, GB
[85] 2017-05-16
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[54] **DEFOAMING COMPOSITIONS COMPRISING HYDROXY TERMINATED SILOXANES AND METHODS OF MAKING AND USING THE SAME**
[54] **COMPOSITIONS ANTIMOUSSE COMPRENANT DES SILOXANES A TERMINAISON HYDROXY, PROCEDES DE PREPARATION ET D'UTILISATION**
[72] WILSON, ROBERT, US
[72] BAVA, LUCIANA, US
[72] KIRWAN, CARTER, US
[71] KEMIRA OYJ, FI
[85] 2017-05-16
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[54] **DEFOAMING COMPOSITIONS COMPRISING AMPHIPHILIC PARTICLES AND METHODS OF MAKING AND USING THE SAME**
[54] **COMPOSITIONS DE DEMOUSSAGE COMPRENANT DES PARTICULES AMPHIPHILES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] KIRWAN, CARTER, US
[72] HAMM, REBECCA, US
[71] KEMIRA OYJ, FI
[85] 2017-05-16
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[25] EN
[54] **COMPOSITIONS TO BOOST FABRIC SOFTENER PERFORMANCE**
[54] **COMPOSITIONS PERMETTANT DE RENFORCER LA PERFORMANCE D'UN ADOUCISSANT DE TISSUS**
[72] BLATTNER, AMANDA RUTH, US
[72] HODGE, CHARLES ALLEN, US
[72] NOTERMANN, CLAIRE LUCILLE, US
[72] PANAMA, JULIO R., US
[72] KENNEDY, SHAUN PATRICK, US
[71] ECOLAB USA INC., US
[85] 2017-05-16
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[54] **CONTINUOUS CARBONIZATION PROCESS AND SYSTEM FOR PRODUCING CARBON FIBERS**
[54] **PROCEDE DE CARBONISATION CONTINUE ET SYSTEME DE PRODUCTION DE FIBRES DE CARBONE**
[72] DESHPANDE, GIRISH VISHNUKANT, US
[72] MEECE, BARRY DEWAYNE, US
[72] FENNELL, ROBERT PHIL, US
[71] CYTEC INDUSTRIES INC., US
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[72] BRAY, ANDREW JONATHAN, GB
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
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[54] **CARRIER FOR CONTAINERS**
[54] **SUPPORT POUR RECIPIENTS**
[72] HOLLEY, JOHN MURDICK, JR., US
[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US
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[54] **MOYENS FORMANT AGITATEUR POUR BROYEUSES VERTICALES**
[72] HAAS, ALLEN EVERETT, US
[72] MCNAUGHTON, BRADY WAYNE, US
[71] METSO MINERALS INDUSTRIES, INC., US
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[54] **SLIP MOLDING APPARATUS FOR LINING PIPES AND METHOD OF USING SAME**
[54] **APPAREIL DE MOULAGE A GLISSEMENT POUR REVETIR DES TUYAUX ET SON PROCEDE D'UTILISATION**
[72] LACARTE, CHRIS, CA
[71] BASF SE, DE
[85] 2017-05-19
[86] 2015-11-24 (PCT/IB2015/059105)
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[54] **METHODS AND APPARATUSES FOR GENE PURIFICATION AND IMAGING**
[54] **PROCEDES ET APPAREILS POUR LA PURIFICATION ET L'IMAGERIE DE GENES**
[72] DUNAWAY, DWAYNE, US
[72] KHAFIZOV, RUSTEM, US
[72] MEI, QIAN, US
[72] DENNIS, LUCAS, US
[72] KROUSE, MICHAEL, US
[72] BEECHEM, JOSEPH M., US
[72] SPRAGUE, ISAAC, US
[71] NANOSTRING TECHNOLOGIES, INC., US
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[25] EN
[54] **METHODS FOR REACTIVE THREE-DIMENSIONAL PRINTING BY INKJET PRINTING**
[54] **PROCEDES D'IMPRESSION 3D REACTIVE PAR JET D'ENCRE**
[72] FENN, DAVID R., US
[72] OLSON, KURT G., US
[72] ROCK, REZA M., US
[72] HAGUE, RICHARD J.M., GB
[72] TUCK, CHRISTOPHER JOHN, GB
[72] MA, LE, GB
[72] WILDMAN, RICKY DARREN, GB
[72] HE, YINFENG, GB
[71] PPG INDUSTRIES OHIO, INC., US
[71] THE UNIVERSITY OF NOTTINGHAM, GB
[85] 2017-05-19
[86] 2015-11-24 (PCT/US2015/062412)
[87] (WO2016/085976)
[30] US (62/083,472) 2014-11-24
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[25] EN
[54] **METHODS FOR REACTIVE THREE-DIMENSIONAL PRINTING BY EXTRUSION**
[54] **PROCEDES D'IMPRESSION 3D REACTIVE PAR EXTRUSION**
[72] FENN, DAVID R., US
[72] OLSON, KURT G., US
[72] ROCK, REZA M., US
[72] KUTCHKO, CYNTHIA, US
[72] DONALDSON, SUSAN F., US
[72] SUN, HAO, US
[72] RIOS, ORLANDO, US
[72] CARTER, WILLIAM, US
[71] PPG INDUSTRIES OHIO, INC., US
[71] UT-BATTELLE, LLC, US
[85] 2017-05-23
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[25] EN
[54] **NEW CLEANING METHOD, APPARATUS AND USE**
[54] **NOUVEAU PROCEDE DE NETTOYAGE, APPAREIL ET UTILISATION**
[72] BIRD, ROBERT ANDREW, GB
[72] ELLIS, GORDON LEE, GB
[72] SCHOEMER, MARTINA, DE
[72] KNIESEL, SIMON, DE
[72] KLOKE, PHILIPP, DE
[72] EHRET, FRANK, DE
[72] DIETRICH, MATTHIAS, DE
[71] XEROS LIMITED, GB
[85] 2017-05-25
[86] 2015-11-30 (PCT/GB2015/053655)
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[30] GB (1421293.0) 2014-12-01

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[25] EN
[54] **A PROCESS FOR SEPARATING A PRODUCT GAS FROM GASEOUS MIXTURE**
[54] **PROCEDE DE SEPARATION D'UN PRODUIT GAZEUX PRESENT DANS UN MELANGE GAZEUX**
[72] CHEN, SHIAOGUO, US
[72] PAN, ZIJIANG, US
[72] LI, ZHIWEI, US
[72] ALLERA, JEAN-PIERRE, US
[72] YI, FEI, US
[72] WU, LIDONG, CN
[71] CARBON CAPTURE SCIENTIFIC, LLC, US
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[25] EN
[54] **METHODS OF ORIENTING MULTIFILAMENT YARN AND MONOFILAMENTS OF POLY-4-HYDROXYBUTYRATE AND COPOLYMERS THEREOF**
[54] **PROCEDES D'ORIENTATION DE FIL MULTIFILAMENT ET DE MONOFILAMENTS DE POLY-4-HYDROXYBUTYRATE ET DE COPOLYMERES DE CELUI-CI**
[72] GANATRA, AMIT, US
[72] FELIX, FABIO, US
[72] SHAH, BHAVIN, US
[72] BERNASCONI, MATTHEW, US
[72] RIZK, SAID, US
[72] MARTIN, DAVID P., US
[72] WILLIAMS, SIMON F., US
[71] TEPHA, INC., US
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[25] EN
[54] **METHOD OF PROTECTING AN ARTICLE HAVING A COMPLEX SHAPE**
[54] **PROCEDE DE PROTECTION D'UN ARTICLE AYANT UNE FORME COMPLEXE**
[72] SAHA, ATANU, IN
[72] RAMACHANDRAN, GOPI CHANDRAN, IN
[72] NAGESH, MAMATHA, IN
[72] THIMMEGOWDA, SHALINI, IN
[72] PARTHASARATHY, BALA SRINIVASAN, IN
[71] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **3D PRINTING USING PHASE CHANGING MATERIALS AS SUPPORT**
[54] **IMPRESSION 3D UTILISANT DES MATERIAUX DE CHANGEMENT DE PHASE EN TANT QUE SUPPORT**
[72] MARQUEZ, SAMANTHA M., US
[72] FERNANDEZ-NIEVES, ALBERTO, US
[72] ANGELINI, THOMAS, ETTOR, US
[72] CHANG, YA-WEN, US
[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
[71] GEORGIA TECH RESEARCH CORPORATION, US
[71] MARQUEZ, SAMANTHA M., US
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[25] EN
[54] **FIBRE-REINFORCED COMPONENTS INCLUDING NANOSTRUCTURES**
[54] **COMPOSANTS RENFORCES PAR DES FIBRES COMPRENANT DES NANOSTRUCTURES**
[72] BALLOCCHI, PAOLO, GB
[72] JENKINS, PHILIP, GB
[72] HAMERTON, IAN, GB
[72] SILVA, RAVI, GB
[72] POZEGIC, THOMAS, GB
[71] SHORT BROTHERS PLC, IE
[71] UNIVERSITY OF SURREY, GB
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[25] EN
[54] **ADSORBENT-INCORPORATED POLYMER FIBERS IN PACKED BED AND FABRIC CONTACTORS, AND METHODS AND DEVICES USING SAME**
[54] **FIBRES DE POLYMERE INCORPOREES DANS UN ADSORBANT DANS UN LIT A GARNISSAGE ET CONTACTEURS EN TISSU, ET PROCEDES ET DISPOSITIFS LES UTILISANT**
[72] OWENS, TRACIE L., US
[72] LETA, DANIEL P., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2017-06-08
[86] 2015-11-16 (PCT/US2015/060826)
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[25] EN
[54] **CONTAINER WITH COATING**
[54] **RECIPIENT A REVETEMENT**
[72] GILPATRICK, WILLIAM, US
[72] SLOAT, JEFFREY, T., US
[71] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[85] 2017-06-08
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[25] EN
[54] **FILMS AND FILM LASER CONVERTING**
[54] **FILMS ET TRANSFORMATION LASER DE FILMS**
[72] KIAN, KOUROSH, US
[72] BHARADWAJ, RISHIKESH K., US
[72] WANG, SHANSHAN, US
[72] CHEN, WEN-LI A., US
[72] ALESSANDRO, JESSICA, US
[71] AVERY DENNISON CORPORATION, US
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[51] **Int.Cl. H01M 8/04119 (2016.01) B01D 67/00 (2006.01)**
[25] EN
[54] **HOLLOW FIBER MEMBRANE CARTRIDGE-TYPE HUMIDIFICATION MODULE AND METHOD FOR MANUFACTURING SAME**
[54] **MODULE D'HUMIDIFICATION DU TYPE A CARTOUCHES A MEMBRANES A FIBRES CREUSES ET PROCEDE DE FABRICATION CORRESPONDANT**
[72] KIM, KYOUNG JU, KR
[72] OH, YOUNG SEOK, KR
[72] LEE, JIN HYUNG, KR
[71] KOLON INDUSTRIES, INC., KR
[85] 2017-06-13
[86] 2015-12-17 (PCT/KR2015/013869)
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[30] KR (10-2014-0186853) 2014-12-23

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[51] **Int.Cl. B29D 35/12 (2010.01) A43B 5/06 (2006.01) A43B 23/02 (2006.01) A43D 25/00 (2006.01)**
[25] FR
[54] **METHOD FOR MANUFACTURING FOOTWEAR, FOOTWEAR PRODUCED USING SAID METHOD, AND MACHINE FOR MANUFACTURING FOOTWEAR**
[54] **PROCEDE DE FABRICATION D'UN ARTICLE CHAUSSANT, ARTICLE CHAUSSANT OBTENU PAR CE PROCEDE, ET MACHINE SERVANT A LA FABRICATION D'UN ARTICLE CHAUSSANT**
[72] BOUCHER, BEATRICE, FR
[72] GAUTIER, GERARD, CH
[71] SALOMON S.A.S., FR
[85] 2017-06-14
[86] 2015-12-02 (PCT/FR2015/000220)
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[30] FR (14/03051) 2014-12-31

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[51] **Int.Cl. A47J 36/04 (2006.01) B44C 1/00 (2006.01) B44C 1/10 (2006.01)**
[25] FR
[54] **METHOD FOR DECORATING A KITCHEN ITEM BY MECHANICAL TREATMENT**
[54] **PROCEDE DE DECORATION D'UN ARTICLE CULINAIRE PAR TRAITEMENT MECANIQUE**
[72] DUBANCHET, AURELIEN, FR
[72] CAILLIER, LAURENT, FR
[72] BUFFAULT, GERMAIN, FR
[71] SEB S.A., FR
[85] 2017-06-14
[86] 2015-12-21 (PCT/FR2015/053691)
[87] (WO2016/108008)
[30] FR (1463442) 2014-12-30

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[13] A1
[51] **Int.Cl. B01J 8/18 (2006.01)**
[25] EN
[54] **AN APPARATUS USED IN A FLUIDIZED REACTION PROCESS**
[54] **APPAREIL UTILISE DANS UN PROCEDE DE REACTION FLUIDISE**
[72] PRETZ, MATTHEW T., US
[72] SHAW, DON F., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-06-14
[86] 2015-12-14 (PCT/US2015/065471)
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[51] **Int.Cl. B65D 75/58 (2006.01)**
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[54] **EASY-OPEN FLEXIBLE PACKAGE**
[54] **EMBALLAGE SOUPLE A OUVERTURE FACILE**
[72] BOEKELOO, JEFFREY ALLEN, US
[72] SURYANARAYANAN, RAJESH, US
[72] STUFFLEBEAM, JASON L., US
[72] VARGO, KATELYN LAUREN, US
[71] PRINTPACK ILLINOIS, INC., US
[71] THE QUAKER OATS COMPANY, US
[85] 2017-06-14
[86] 2015-12-18 (PCT/US2015/066748)
[87] (WO2016/100852)
[30] US (62/094,727) 2014-12-19
[30] US (14/973,233) 2015-12-17

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[51] **Int.Cl. B29C 43/08 (2006.01) B29C 43/36 (2006.01) B29C 43/54 (2006.01) B29C 43/58 (2006.01)**
[25] EN
[54] **COMPRESSION MOLD**
[54] **MOULE DE COMPRESSION**
[72] BERGAMI, STEFANO, IT
[72] PENAZZI, DAVIDE, IT
[71] SACMI COOPERATIVA MECCANICI IMOLA SOCIETA' COOPERATIVA, IT
[85] 2017-06-15
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[25] EN
[54] **CYLINDRICAL FILTER SCREEN WITH TENSIONING MECHANISM**
[54] **GRILLE FILTRANTE CYLINDRIQUE A MECANISME DE TENSION**
[72] SHRIVASTAVA, ABHISHEK, US
[72] CAFFELL, GEORGE D., US
[72] STROUD, THOMAS W., US
[72] VOTH, DAVID A., US
[72] KRUEGER, TANYA K., US
[72] BURR, SCOTT T., US
[72] CORCORAN, GERALD DROUIN, US
[72] MALLARD, JOHN H., US
[72] VOSBERG, MICHAEL J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[86] 2015-11-24 (PCT/US2015/062367)
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[30] US (62/093,447) 2014-12-18

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[13] A1
[51] **Int.Cl. B07B 1/46 (2006.01) B07B 1/48 (2006.01)**
[25] EN
[54] **SYSTEMS, APPARATUSES, AND METHODS FOR SECURING SCREEN ASSEMBLIES**
[54] **SYSTEMES, APPAREILS ET PROCEDES DE FIXATION D'ENSEMBLES TAMIS**
[72] NEWMAN, CHRISTIAN T., US
[71] DERRICK CORPORATION, US
[85] 2017-06-15
[86] 2015-12-22 (PCT/US2015/067526)
[87] (WO2016/106393)
[30] US (62/096,330) 2014-12-23

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[51] **Int.Cl. B01D 39/08 (2006.01) B01D 39/16 (2006.01)**
[25] EN
[54] **COMPOSITE FILTER SUBSTRATE COMPRISING A MIXTURE OF FIBERS**
[54] **SUBSTRAT DE FILTRE COMPOSITE COMPRENANT UN MELANGE DE FIBRES**
[72] CHHABRA, RAJEEV, US
[72] GRUENBACHER, DANA PAUL, US
[72] MONEBRAKE, DAVID WESLEY, US
[72] MORISON, PAMELA MARIE, US
[72] WILKING, SUSAN L., US
[71] THE PROCTER & GAMBLE COMPANY, US
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[51] **Int.Cl. B01D 46/10 (2006.01) B01D 39/08 (2006.01) B01D 39/16 (2006.01)**
[25] EN
[54] **METHOD OF FILTERING PARTICULATES FROM THE AIR USING A COMPOSITE FILTER SUBSTRATE COMPRISING A MIXTURE OF FIBERS**
[54] **PROCEDE DE FILTRATION DE MATIERES PARTICULAIRES DE L'AIR AU MOYEN D'UN SUBSTRAT DE FILTRE COMPOSITE COMPRENANT UN MELANGE DE FIBRES**
[72] MORISON, PAMELA MARIE, US
[72] CHHABRA, RAJEEV, US
[72] GRUENBACHER, DANA PAUL, US
[72] MONEBRAKE, DAVID WESLEY, US
[72] WILKING, SUSAN L., US
[71] THE PROCTER & GAMBLE COMPANY, US
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[30] US (14/576,254) 2014-12-19

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[51] **Int.Cl. A61F 9/009 (2006.01)**
[25] EN
[54] **LIQUID LOSS DETECTION DURING LASER EYE SURGERY**
[54] **DETECTION DE PERTE DE LIQUIDE PENDANT UNE CHIRURGIE OCULAIRE AU LASER**
[72] GOODING, PHILLIP H., US
[72] BELTRAN, CHRISTINE J., US
[72] EIKANAS, BRENT, US
[72] CAMPOS, MICHAEL A., US
[71] OPTIMEDICA CORPORATION, US
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[30] US (62/094,788) 2014-12-19

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[51] **Int.Cl. D21F 7/08 (2006.01)**
[25] EN
[54] **INDUSTRIAL FABRIC**
[54] **TISSU INDUSTRIEL**
[72] UEDA, IKUO, JP
[71] NIPPON FILCON CO., LTD, JP
[85] 2017-06-21
[86] 2016-12-01 (PCT/JP2016/085683)
[87] (2971457)
[30] JP (2016-010801) 2016-01-22

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[51] **Int.Cl. A61M 3/02 (2006.01) A61F 5/442 (2006.01)**
[25] EN
[54] **A SYSTEM FOR ANAL AND/OR STOMAL IRRIGATION AND A METHOD FOR CONTROLLING SUCH A SYSTEM**
[54] **SYSTEME D'IRRIGATION ANALE ET/OU STOMIALE ET PROCEDE DE COMMANDE D'UN TEL SYSTEME**
[72] HVID, NIELS, DK
[72] HICKMOTT, RICHARD MORGAN, DK
[72] NIELSEN, RASMUS, DK
[72] RAVASIO, LUIGI, IT
[72] WARD, DAVID, IT
[72] BAY, HENRIK, DK
[71] COLOPLAST A/S, DK
[85] 2017-06-19
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[30] DK (PA 2014 70807) 2014-12-19

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[25] EN
[54] **CATALYST MANUFACTURING METHOD**
[54] **PROCEDE DE FABRICATION D'UN CATALYSEUR**
[72] COUPLAND, DUNCAN ROY, GB
[72] PHILLIPS, JONATHAN, GB
[72] WINFIELD, SOPHIE, GB
[71] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
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[86] 2015-12-18 (PCT/GB2015/054079)
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[51] **Int.Cl. A61F 2/16 (2006.01)**
[25] EN
[54] **CURVATURE-CHANGING, ACCOMMODATIVE INTRAOCULAR LENSES WITH EXPANDABLE PERIPHERAL RESERVOIRS**
[54] **LENTILLES INTRAOCULAIRES ACCOMMODATIVES CHANGEANT DE COURBURE A RESERVOIRS PERIPHERIQUES DILATABLES**
[72] BORJA, DAVID, US
[72] GERARDI, LAUREN, US
[72] LEWELLEN, KEVIN M., US
[72] MCENERY, MADISON, US
[72] WILLIAMS, BENANDRIA, US
[71] NOVARTIS AG, CH
[85] 2017-06-19
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[30] US (62/116,758) 2015-02-16

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[25] EN
[54] **METHOD OF FILLING VOIDS IN A FILLED SEAL CAP**
[54] **PROCEDE DE REMPLISSAGE DE VIDES DANS UN BOUCHON D'ETANCHEITE REMPLI**
[72] SWAN, MICHAEL D., US
[72] HEBERT, LARRY S., US
[72] YLITALO, DAVID A., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-06-19
[86] 2015-12-22 (PCT/US2015/067471)
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[51] **Int.Cl. D04H 1/736 (2012.01)**
[25] EN
[54] **COFORMING PROCESSES AND FORMING BOXES USED THEREIN**
[54] **PROCEDES DE COFORMAGE ET FORMATION DE BOITES UTILISEES DANS CEUX-CI**
[72] YOUNG, CHRISTOPHER MICHAEL, US
[72] WANG, FEI, US
[72] BARNHOLTZ, STEVEN LEE, US
[72] EROGLU, HASAN, US
[72] STEWART, EDWIN ARTHUR, US
[72] MCKIBBEN, JOHN FERNEY, US
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[54] **PROCEDES DE PRODUCTION D'ARTICLES FABRIQUES A LA PRESSE**
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[72] SCHOCH, KEEGAN TUCKER, US
[71] DIXIE CONSUMER PRODUCTS LLC, US
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[54] **APPAREIL ET PROCEDES DE FABRICATION ADDITIVE**
[72] GREENFIELD, BENJAMIN JOHN, GB
[72] MUNDAY, JONATHAN, GB
[72] SUTCLIFFE, CHRISTOPHER, GB
[71] RENISHAW PLC, GB
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[54] **DESHYDRATATION DE SOUFRE**
[72] VANHATALO, AKI, FI
[71] OUTOTEC (FINLAND) OY, FI
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[54] **METHODS FOR MAKING PAPERBOARD CONTAINERS FROM PAPERBOARD BLANKS HAVING SHRINKABLE FILMS SECURED THERETO**
[54] **PROCEDES DE FABRICATION DE RECIPIENTS EN CARTON A PARTIR D'EBAUCHES EN CARTON AYANT DES FILMS RETRACTABLES FIXES A CELLES-CI**
[72] LIPS, ERIK, US
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[54] **ENSEMBLE MOULE DE FORMAGE POUR OBTENIR UN VERRE PRESSE**
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[72] SCHOCH, KEEGAN TUCKER, US
[71] DIXIE CONSUMER PRODUCTS LLC, US
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[72] SHAW, MARK, GB
[71] PARKSIDE FLEXIBLES (EUROPE) LIMITED, GB
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[54] **REDUCTION THERMIQUE DE SOUFRE**
[72] GRAND, BENOIT, FR
[72] MULON, JACQUES, FR
[72] PAUBEL, XAVIER, FR
[72] TSIAVA, REMI, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
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[54] **DEVICE FOR PACKAGING AND DISTRIBUTING PRODUCT HAVING A CHILD-PROTECTION ARRANGEMENT**
[54] **DISPOSITIF DE CONDITIONNEMENT ET DE DISTRIBUTION DE PRODUIT PRESENTANT UN AGENCEMENT DE PROTECTION POUR ENFANT**
[72] TABERLET, JEAN-PHILIPPE, FR
[72] PUVILAND, PATRICE, FR
[71] LABLABO, FR
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[54] **DIE CUT OPENING FOR MULTI-LAYER FLEXIBLE PACKAGE**
[54] **OUVERTURE DECOUPEE A L'EMPORTE-PIECE POUR EMBALLAGE SOUPLE A COUCHES MULTIPLES**
[72] BRANYON, JACOB DONALD PRUE, US
[72] YOUNG, DONOVAN, US
[72] SMITH, EUGENE, US
[71] SUNOCO DEVELOPMENT, INC., US
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[54] **DISPOSITIFS CAPSULAIRES PROTHETIQUES, SYSTEMES ET PROCEDES**
[72] WORTZ, GARY N., US
[72] IFLAND, RICK WILLIAM, US
[71] OMEGA OPHTHALMICS LLC, US
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[54] **APPARATUS AND METHOD FOR RECOVERING ACID**
[54] **APPAREIL ET PROCEDE POUR LA RECUPERATION D'ACIDE**
[72] ZHANG, CHENGQIAN, CN
[72] XIONG, RIHUA, CN
[72] YANG, HAI, CN
[72] BARBER, JOHN H., CA
[72] ZHANG, YONGDI, CN
[72] LU, WEI, CN
[71] GENERAL ELECTRIC COMPANY, US
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[54] **PROCEDES ET SYSTEMES DE DEPOT MECANIQUEMENT FLUIDISES**
[72] DASSEL, MARK W., US
[72] KERAT, UWE, DE
[72] BRESSLER, DAVID A., US
[71] SITEC GMBH, DE
[71] DASSEL, MARK W., US
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[72] DAPHNA, OFER, IL
[72] MARCOVICH, ARIE, IL
[72] OREN, GUY, IL
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[54] **THC SANS FUMEE ET SON PROCEDE D'ADMINISTRATION**
[72] LARSON, RAYMOND LOUIS, US
[71] MENTOR IP, LLC, US
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[54] **IMPROVED SIZING OF PAPERBOARD**
[54] **COLLAGE AMELIORE DE CARTON**
[72] MEYERS, JEREMY, US
[71] WESTROCK MWV, LLC, US
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[54] **CORPS DE DISTRIBUTION SOUS FORME DE CAPSULES SERVANT A DISTRIBUER DES ADDITIFS A UN LIQUIDE**
[72] RETTENBACHER, LUKAS, AT
[72] MORADI, SHAHRIAR, AT
[71] MORADI CONSULTING GMBH, AT
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[54] **CLEANING STRING FOR CLEANING CONNECTOR AND METHOD FOR PRODUCING THE SAME**
[54] **CHAINE DE NETTOYAGE SERVANT A NETTOYER UN CONNECTEUR ET METHODE DE PRODUCTION ASSOCIEE**
[72] OKAMOTO, YOSHIHIRO, JP
[72] YASUDA, NAOYUKI, JP
[72] NINOMIYA, KIYOMICHI, JP
[72] WATABE, SHUHEI, JP
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[54] **COUVERCLE DE RECIPIENT A CHAMBRES D'ADDITIF FONCTIONNELLES**
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[72] STEVENS, RICHARD B., JR., US
[71] UNITED STATES GYPSUM COMPANY, US
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[72] SUAU, JEAN-MARC, FR
[71] COATEX, FR
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[54] **WATER SOLUBLE PACKAGE FOR DELIVERY OF ADDITIVES FOR POWDERED COMPOSITIONS**
[54] **EMBALLAGE SOLUBLE DANS L'EAU POUR LA DISTRIBUTION D'ADDITIFS POUR COMPOSITIONS EN POUDRE**
[72] SHELDON, JOSHUA D., US
[72] BERNICKE-GRUSSING, NANCY L., US
[72] GRUSSING, JEFFREY F., US
[72] IMMORDINO, SALVATORE C., US
[72] KINCAID, TYLER, US
[71] UNITED STATES GYPSUM COMPANY, US
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[54] **INK COMPOSITIONS FOR 3D PRINTING, 3D PRINTER AND METHOD FOR CONTROLLING OF THE SAME**
[54] **COMPOSITIONS D'ENCRE POUR IMPRESSION 3D, IMPRIMANTE 3D ET SON PROCEDE DE COMMANDE**
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[72] KUK, KEON, KR
[72] BEAK, OH HYUN, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **SECURITY FOR MOBILE PAYMENT APPLICATIONS**
[54] **APPLICATIONS DE PAIEMENT MOBILE SECURISE**
[72] SMETS, PATRIK, BE
[72] CATELAND, AXEL, US
[72] MADDOCKS, IAN DAVID ALAN, GB
[72] ROBERTS, DAVID ANTHONY, GB
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
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[54] **EXECUTION DE REQUETES DE SERVICES A L'AIDE DE DONNEES D'EMPLACEMENT PARTAGEES**
[72] MEMON, AMIR HUSSAIN, US
[71] FACEBOOK, INC., US
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[54] **A METHOD OF ENCODING VIDEO WITH FILM GRAIN**
[54] **PROCEDE DE CODAGE DE VIDEOS PRESENTANT UN GRAIN DE FILM**
[72] ZHOU, WEI, US
[72] PERERA, JANE, US
[72] MICHELSEN, WAYNE D., US
[72] CHANDRA, SWAROOP, US
[71] ARRIS ENTERPRISES LLC, US
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[86] 2015-12-09 (PCT/US2015/064703)
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[54] **USER COMMUNICATIONS WITH A MERCHANT THROUGH A SOCIAL NETWORKING SYSTEM**
[54] **COMMUNICATIONS D'UTILISATEURS AVEC UN COMMERCANT VIA UN SYSTEME DE RESEAUX SOCIAUX**
[72] DANIEL, ROBERT FRANKLIN, US
[72] GUPTA, AKASH GAURAV, US
[72] SINHA, GARIMA, US
[71] FACEBOOK, INC., US
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[72] PATIL, ABHISHEK PRAMOD, US
[72] ABRAHAM, SANTOSH PAUL, US
[72] CHERIAN, GEORGE, US
[72] RAISSINIA, ALIREZA, US
[71] QUALCOMM INCORPORATED, US
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[54] **DETECTING AND PROCESSING MULTIPLEXED CLOSED CAPTION DATA**
[54] **DETECTION ET TRAITEMENT DE DONNEES DE SOUS-TITRES CODES MULTIPLEXES**
[72] SINGH, VIRENDRA, IN
[72] BHAT, DINKAR N., US
[72] MAHADEVA, SWAROOP, IN
[72] PRESTIGIACOMO, ROBERT, US
[71] ARRIS ENTERPRISES LLC, US
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[54] **BROADCASTING SIGNAL FRAME GENERATION APPARATUS AND METHOD USING LAYERED DIVISIONAL MULTIPLEXING**
[54] **APPAREIL DE GENERATION DE TRAME DE SIGNAL DE DIFFUSION ET PROCEDE UTILISANT UN MULTIPLEXAGE PAR REPARTITION EN COUCHES**
[72] LEE, JAE-YOUNG, KR
[72] KIM, HEUNG-MOOK, KR
[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[71] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
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[54] **COMMANDE ADAPTATIVE DE DEBIT BINAIRE COTE SERVEUR POUR CLIENTS DE LECTURE EN FLUX CONTINU HTTP**
[72] SCHMIDT, MARK S., US
[72] MOORTHY, PRAVEEN N., US
[72] LI, BAOZHOU, US
[71] ARRIS ENTERPRISES LLC, US
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[54] **A METHOD FOR EFFICIENT PROCESSING OF BTP ENABLED MPEG4 STREAM**
[54] **PROCEDE PERMETTANT DE TRAITER EFFICACEMENT UN FLUX MPEG4 COMPATIBLE BTP**
[72] SINGH, VIRENDRA, IN
[72] KUMAR, AJIT, IN
[72] ACHARYA, BELMANNU HAREKRISHNA, IN
[72] ARUNKUMAR, LAKSHMI, IN
[72] SASTRY, SISTA SARADA, IN
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[54] **ANTICORPS BISPECIFIQUES DIRIGES CONTRE CD3 ET CD20**
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[72] BREIJ, ESTHER, NL
[72] RADEMAKER, RIK, NL
[72] ALTINTAS, ISIL, NL
[72] SATIJN, DAVID, NL
[72] VERPLOEGEN, SANDRA, NL
[72] RADERSMA, RIEMKE VAN DIJKHUIZEN, NL
[72] VAN DEN BRINK, EDWARD, NL
[72] SCHUURMAN, JANINE, NL
[72] PARREN, PAUL, NL
[71] GENMAB A/S, DK
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[30] EP (PCT/EP2015/050276) 2015-01-08
[30] DK (PA 2015 00412) 2015-07-15
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[30] DK (PA 2015 00415) 2015-07-16
[30] DK (PA 2015 00416) 2015-07-16

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[13] A1
[51] **Int.Cl. G06Q 20/32 (2012.01) H04W 4/00 (2009.01)**
[25] EN
[54] **CONTACTLESS DATA EXCHANGE BETWEEN MOBILE DEVICES AND READERS**
[54] **ECHANGE DE DONNEES SANS CONTACT ENTRE DES DISPOSITIFS MOBILES ET DES LECTEURS**
[72] BELLENGER, THOMAS, US
[72] MAKHOTIN, OLEG, US
[72] AABYE, CHRISTIAN, US
[72] WONG, ERICK, US
[72] SHARMA, SANJEEV, US
[72] NGO, HAO, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2017-07-06
[86] 2016-02-19 (PCT/US2016/018750)
[87] (WO2016/134302)
[30] US (62/118,726) 2015-02-20
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[13] A1
[51] **Int.Cl. H04N 21/488 (2011.01) H04N 21/236 (2011.01) H04N 5/278 (2006.01)**
[25] EN
[54] **USE OF A PROGRAM SCHEDULE TO MODIFY AN ELECTRONIC DICTIONARY OF A CLOSED-CAPTIONING GENERATOR**
[54] **UTILISATION D'UNE GRILLE DE PROGRAMME POUR MODIFIER UN DICTIONNAIRE ELECTRONIQUE D'UN GENERATEUR DE SOUS-TITRAGE CODE**
[72] HUNDEMER, HANK J., US
[71] TRIBUNE BROADCASTING COMPANY, LLC, US
[85] 2017-07-06
[86] 2016-02-17 (PCT/US2016/018303)
[87] (WO2016/134040)
[30] US (14/626,592) 2015-02-19

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[13] A1
[51] **Int.Cl. H04N 21/488 (2011.01) H04N 21/81 (2011.01) H04N 21/8405 (2011.01) H04N 5/278 (2006.01)**
[25] EN
[54] **USE OF A PROGRAM SCHEDULE TO FACILITATE MODIFYING CLOSED-CAPTIONING TEXT**
[54] **UTILISATION D'UNE PROGRAMMATION DE PROGRAMME POUR FACILITER UNE MODIFICATION DE TEXTE DE SOUS-TITRAGE CODE**
[72] HUNDEMER, HANK J., US
[71] TRIBUNE BROADCASTING COMPANY, LLC, US
[85] 2017-07-06
[86] 2016-02-17 (PCT/US2016/018307)
[87] (WO2016/134043)
[30] US (14/626,598) 2015-02-19

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[13] A1
[51] **Int.Cl. H01J 9/24 (2006.01) G08B 29/14 (2006.01) H01J 9/38 (2006.01) H01J 61/16 (2006.01) H01J 61/30 (2006.01) H01J 61/76 (2006.01) G08B 17/12 (2006.01)**
[25] EN
[54] **ULTRAVIOLET EMITTER FOR USE IN A FLAME DETECTOR AND A METHOD OF MAKING THE SAME**
[54] **EMETTEUR D'ULTRAVIOLETS POUR UTILISATION DANS UN DETECTEUR DE FLAMME ET PROCEDE POUR SA FABRICATION**
[72] FOLLETT, GARY J., US
[71] CARRIER CORPORATION, US
[85] 2017-07-06
[86] 2015-12-29 (PCT/US2015/067871)
[87] (WO2016/111886)
[30] US (62/100,354) 2015-01-06

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[13] A1
[51] **Int.Cl. H04L 9/08 (2006.01) H04B 10/25 (2013.01) H04L 27/18 (2006.01)**
[25] EN
[54] **COMMUNICATION WITH EVERLASTING SECURITY FROM SHORT-TERM-SECURE ENCRYPTED QUANTUM COMMUNICATION**
[54] **COMMUNICATION A SECURITE DURABLE A PARTIR DE COMMUNICATION QUANTIQUE CHIFFREE SECURISEE A COURT TERME**
[72] ALLEAUME, ROMAIN, FR
[71] INSTITUT MINES TELECOM, FR
[85] 2017-07-07
[86] 2016-01-08 (PCT/EP2016/050305)
[87] (WO2016/110582)
[30] EP (15305017.4) 2015-01-09
[30] EP (15187905.3) 2015-10-01

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[51] **Int.Cl. G07D 11/00 (2006.01) G07F 19/00 (2006.01) G08B 13/14 (2006.01) G08B 21/16 (2006.01)**
[25] EN
[54] **REMOVABLE SECURITY DEVICE**
[54] **DISPOSITIF DE SECURITE AMOVIBLE**
[72] WESTINGTON, TONY, GB
[72] TRIPP, NICK, GB
[71] SPINNAKER INTERNATIONAL LIMITED, GB
[85] 2017-07-07
[86] 2015-12-18 (PCT/GB2015/054077)
[87] (WO2016/113527)
[30] GB (1500657.0) 2015-01-15

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[13] A1
[51] **Int.Cl. H04N 19/70 (2014.01) H04N 21/854 (2011.01)**
[25] EN
[54] **SAMPLE GROUPING SIGNALING IN FILE FORMATS**
[54] **SIGNALISATION DE REGROUPEMENT D'ECHANTILLONS DANS DES FORMATS DE FICHIERS**
[72] HENDRY, FNU, US
[72] WANG, YE-KUI, US
[71] QUALCOMM INCORPORATED, US
[85] 2017-07-07
[86] 2015-12-16 (PCT/US2015/066095)
[87] (WO2016/130210)
[30] US (62/115,087) 2015-02-11
[30] US (14/969,954) 2015-12-15

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[51] **Int.Cl. G08B 13/196 (2006.01) H04N 21/2743 (2011.01) H04N 21/81 (2011.01) G06T 7/00 (2017.01) G08B 13/22 (2006.01) G08B 25/10 (2006.01)**
[25] EN
[54] **DOORBELL CAMERA EARLY DETECTION**
[54] **DETECTION PRECOCE PAR CAMERA DE SONNETTE**
[72] CHILD, MICHAEL D., US
[72] MATSUURA, CRAIG, US
[72] BREDERSON, DEAN, US
[72] VEGA, JONPAUL, US
[71] VIVINT, INC., US
[85] 2017-07-07
[86] 2015-12-30 (PCT/US2015/068139)
[87] (WO2016/114932)
[30] US (14/596,047) 2015-01-13

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[13] A1
[51] **Int.Cl. G06F 21/55 (2013.01) G06F 9/44 (2006.01) H04L 12/26 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MONITORING A COMPUTER SYSTEM USING MACHINE INTERPRETABLE CODE**
[54] **SYSTEME ET PROCEDE DE CONTROLE D'UN SYSTEME INFORMATIQUE UTILISANT UN CODE INTERPRETABLE PAR MACHINE**
[72] SZEKELY, AMIR, US
[71] COUNTERTACK, INC., US
[85] 2017-07-07
[86] 2016-01-07 (PCT/US2016/012533)
[87] (WO2016/112219)
[30] US (62/100,797) 2015-01-07
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[13] A1
[51] **Int.Cl. H04N 21/2343 (2011.01) H04N 21/845 (2011.01) H04N 19/34 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **DESIGN OF SAMPLE ENTRY AND OPERATION POINT SIGNALLING IN A LAYERED VIDEO FILE FORMAT**
[54] **CONCEPTION D'UNE SIGNALISATION DE POINTS D'ENTREE ET DE FONCTIONNEMENT EN UN FORMAT DE FICHIER VIDEO EN COUCHES**
[72] HENDRY, FNU, US
[72] WANG, YE-KUI, US
[71] QUALCOMM INCORPORATED, US
[85] 2017-07-07
[86] 2016-02-10 (PCT/US2016/017280)
[87] (WO2016/130635)
[30] US (62/115,075) 2015-02-11
[30] US (15/019,634) 2016-02-09

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[13] A1
[51] **Int.Cl. H04R 9/06 (2006.01) H04R 9/02 (2006.01)**
[25] EN
[54] **AUDIO TRANSDUCER STABILIZATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE STABILISATION DE TRANSDUCTEUR AUDIO**
[72] WHITWELL, TIMOTHY, CN
[71] TECTONIC AUDIO LABS, LLC, US
[85] 2017-07-07
[86] 2016-01-08 (PCT/US2016/012701)
[87] (WO2016/118341)
[30] US (14/604,580) 2015-01-23

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[13] A1
[51] **Int.Cl. G01N 33/68 (2006.01)**
[25] EN
[54] **PREDICTIVE MARKERS OF IBD**
[54] **MARQUEURS PREDICTIFS DE MALADIES INTESTINALES INFLAMMATOIRES (IBD)**
[72] SCHIFFRIN, EDUARDO, CH
[72] BRAHMBHATT, VIRAL, IN
[72] MARTIN, FRANCOIS-PIERRE, CH
[72] MONTOLIU ROURA, IVAN, CH
[72] REZZI, SERGE ANDRE DOMINIQUE, CH
[72] BENYACOUB, JALIL, CH
[71] NESTEC S.A., CH
[85] 2017-07-10
[86] 2016-01-22 (PCT/EP2016/051286)
[87] (WO2016/116584)
[30] EP (15152325.5) 2015-01-23

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[13] A1
[51] **Int.Cl. A61K 31/198 (2006.01) A61P 19/00 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **PROMOTION OF HEALING OF INTESTINAL MUCOSA USING PROLINE, SERINE AND THREONINE**
[54] **PROMOTION DE LA CICATRISATION DE LA MUQUEUSE INTESTINALE A L'AIDE DE LA PROLINE, DE LA SERINE ET DE LA THREONINE**
[72] FAURE, MAGALI, CH
[72] BLUM-SPERISEN, STEPHANIE, CH
[72] BOSCO, MOHAMED NABIL, CH
[72] BRAHMBHATT, VIRAL, IN
[72] BREUILLE, DENIS, CH
[71] NESTEC S.A., CH
[85] 2017-07-10
[86] 2016-01-22 (PCT/EP2016/051287)
[87] (WO2016/116585)
[30] EP (15152321.4) 2015-01-23

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[13] A1
[51] **Int.Cl. A61K 31/53 (2006.01) A61K 45/06 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **USE OF 4-(4-FLUORO-2-METHOXYPHENYL)-N-{3-[(S-METHYLSULFONIMIDOYL)METHYL]PHENYL}-1,3,5-TRIAZIN-2-AMINE FOR TREATING LEUKEMIAS**
[54] **UTILISATION DE 4-(4-FLUORO-2-METHOXYPHENYL)-N-{3-[(S-METHYLSULFONIMIDOYL)METHYL]PHENYL}-1,3,5-TRIAZIN-2-AMINE POUR LE TRAITEMENT DE LEUCEMIES**
[72] SCHOLZ, ARNE, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2017-07-10
[86] 2016-01-08 (PCT/EP2016/050251)
[87] (WO2016/113187)
[30] EP (15150940.3) 2015-01-13

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[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61K 9/08 (2006.01) A61K 47/18 (2017.01) A61K 47/26 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL FORMULATION**
[54] **FORMULATION PHARMACEUTIQUE**
[72] BOONEN, MICHAEL JOSEPH EDOUARD, BE
[72] PEERBOOM, CLAUDE, BE
[71] UCB BIOPHARMA SPRL, BE
[85] 2017-07-10
[86] 2016-02-05 (PCT/EP2016/052494)
[87] (WO2016/128318)
[30] EP (15154301.4) 2015-02-09

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[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 33/00 (2006.01)**
[25] EN
[54] **PYRAZOLO[3,4-D]PYRIMIDIN DERIVATIVE AND ITS USE FOR THE TREATMENT OF LEISHMANIASIS**
[54] **DERIVE DE PYRAZOLO [3,4-D] PYRIMIDINE ET SON UTILISATION POUR LE TRAITEMENT DE LA LEISHMANIOSE**
[72] MILES, TIMOTHY JAMES, ES
[72] THOMAS, MICHAEL GEORGE, GB
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[71] UNIVERSITY OF DUNDEE, GB
[85] 2017-07-10
[86] 2016-01-21 (PCT/EP2016/051240)
[87] (WO2016/116563)
[30] EP (15382011.3) 2015-01-23

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[13] A1
[51] **Int.Cl. A61K 31/198 (2006.01) A23L 2/00 (2006.01) A61K 31/20 (2006.01) A61K 31/202 (2006.01) A61K 31/401 (2006.01) A61K 31/70 (2006.01) A61K 31/715 (2006.01) A61K 31/718 (2006.01) A61K 35/20 (2006.01) A61K 38/18 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **NUTRITIONAL COMPOSITION USEFUL IN THE TREATMENT OF IBD PATIENTS**
[54] **COMPOSITION NUTRITIONNELLE UTILE DANS LE TRAITEMENT DE PATIENTS ATTEINTS D'UNE IBD**
[72] BLUM-SPERISEN, STEPHANIE, CH
[72] FAURE, MAGALI, CH
[72] BREUILLE, DENIS, CH
[72] CHUANG, EMIL, CH
[71] NESTEC S.A., CH
[85] 2017-07-10
[86] 2016-01-22 (PCT/EP2016/051275)
[87] (WO2016/116580)
[30] EP (15152309.9) 2015-01-23

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[13] A1
[51] **Int.Cl. A61K 31/198 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **TREATMENT OR PREVENTION OF INFLAMMATION USING SERINE**
[54] **TRAITEMENT OU PREVENTION DE L'INFLAMMATION A L'AIDE DE SERINE**
[72] FAURE, MAGALI, CH
[72] BLUM-SPERISEN, STEPHANIE, CH
[72] BOSCO, MOHAMED NABIL, CH
[72] BRAHMBHATT, VIRAL, CH
[72] BREUILLE, DENIS, CH
[71] NESTEC S.A., CH
[85] 2017-07-10
[86] 2016-01-22 (PCT/EP2016/051279)
[87] (WO2016/116582)
[30] EP (15152317.2) 2015-01-23

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[13] A1
[51] **Int.Cl. H04W 80/02 (2009.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR TRANSMITTING/RECEIVING HE-SIG B**
[54] **PROCEDES ET APPAREIL POUR L'EMISSION/RECEPTION D'UNE SIGNALISATION HE-SIG B**
[72] LIM, DONGGUK, KR
[72] CHUN, JINYOUNG, KR
[72] LEE, WOOKBONG, KR
[72] KIM, JEONGKI, KR
[72] CHO, HANGYU, KR
[72] KIM, JINMIN, KR
[71] LG ELECTRONICS INC., KR
[85] 2017-07-10
[86] 2016-01-22 (PCT/KR2016/000728)
[87] (WO2016/126034)
[30] US (62/110,608) 2015-02-02

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[13] A1
[51] **Int.Cl. H04N 19/142 (2014.01) H04N 21/44 (2011.01) H04N 21/81 (2011.01) H04N 19/186 (2014.01) H04N 19/625 (2014.01) G06T 7/10 (2017.01) G06K 9/00 (2006.01) H04N 5/14 (2006.01)**
[25] EN
[54] **DETECTION OF SOLID COLOR FRAMES FOR DETERMINING TRANSITIONS IN VIDEO CONTENT**
[54] **DETECTION DE TRAMES DE COULEUR EN APLAT POUR DETERMINER DES TRANSITIONS DANS UN CONTENU VIDEO**
[72] LI, RENXIANG, US
[72] ISHTIAQ, FAISAL, US
[72] SMITH, ALFONSO MARTINEZ, US
[71] ARRIS ENTERPRISES LLC, US
[85] 2017-07-10
[86] 2016-01-13 (PCT/US2016/013295)
[87] (WO2016/115277)
[30] US (14/595,660) 2015-01-13

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[13] A1
[51] **Int.Cl. B65D 77/06 (2006.01) B65D 90/04 (2006.01)**
[25] EN
[54] **PALLET CONTAINER HAVING AN INNER LINER**
[54] **DOUBLURE INTERIEURE POUR RECIPIENT SUR PALETTE ET RECIPIENT SUR PALETTE**
[72] BLOMER, PETER, DE
[72] BUSCH, CARSTEN, DE
[72] WIESNER, HEIKO, DE
[72] ENDERS, VEIT, DE
[71] PROTECHNA S.A., CH
[85] 2017-07-11
[86] 2015-11-12 (PCT/EP2015/076382)
[87] (WO2016/124267)
[30] DE (10 2015 202 133.5) 2015-02-06

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[13] A1
[51] **Int.Cl. C10G 1/04 (2006.01) C10G 3/00 (2006.01) C10L 1/02 (2006.01) C10L 1/08 (2006.01)**
[25] EN
[54] **DIESEL-SOLUBLE LIGNIN OILS AND METHODS OF THEIR PRODUCTION**
[54] **HUILES DE LIGNINE SOLUBLES DANS DU GAZOLE ET LEURS PROCEDES DE PRODUCTION**
[72] BACHMANN NIELSEN, JOACHIM, DK
[72] JENSEN, ANDERS, NO
[72] DEGN JENSEN, ANKER, DK
[71] DANMARKS TEKNISKE UNIVERSITET, DK
[71] UNIVERSITY OF COPENHAGEN, DK
[85] 2017-07-11
[86] 2016-01-13 (PCT/EP2016/050522)
[87] (WO2016/113280)
[30] EP (15150972.6) 2015-01-13

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[13] A1
[51] **Int.Cl. B65D 21/02 (2006.01) B65D 23/10 (2006.01) B65D 75/58 (2006.01) B65D 77/06 (2006.01) B65D 83/00 (2006.01) G01F 19/00 (2006.01)**
[25] EN
[54] **CLEANING LIQUID DISPENSING SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE LIQUIDE DE LAVAGE**
[72] BENSON, PAUL, GB
[72] GATELY, JOHN DECLAN, GB
[72] PRYOR, JAMES GARFIELD, GB
[72] SMITH, ELIZABETH JANE, GB
[71] UNILEVER PLC, GB
[85] 2017-07-11
[86] 2016-01-13 (PCT/EP2016/050575)
[87] (WO2016/113310)
[30] EP (15151532.7) 2015-01-16

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[13] A1
[51] **Int.Cl. G01N 33/50 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING THE DISTINCTIVE NUTRITIONAL REQUIREMENTS OF A PATIENT**
[54] **PROCEDE POUR DETERMINER LES BESOINS NUTRITIONNELS DISTINCTS D'UN PATIENT**
[72] REZZI, SERGE ANDRE DOMINIQUE, CH
[72] BLUM-SPERISEN, STEPHANIE, CH
[72] FAURE, MAGALI, CH
[72] BREUILLE, DENIS, CH
[71] NESTEC S.A., CH
[85] 2017-07-10
[86] 2016-01-22 (PCT/EP2016/051283)
[87] (WO2016/116583)
[30] EP (15152312.3) 2015-01-23

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[13] A1
[51] **Int.Cl. H04N 21/6334 (2011.01) H04N 21/2347 (2011.01) H04N 21/4405 (2011.01) H04N 21/482 (2011.01)**
[25] EN
[54] **REDUCING START-UP DELAY IN STREAMING MEDIA SESSIONS**
[54] **REDUCTION DU RETARD DE DEMARRAGE DANS DES SESSIONS MULTIMEDIAS DIFFUSEES EN CONTINU**
[72] SO, NICOL C. P., US
[71] ARRIS ENTERPRISES LLC, US
[85] 2017-07-11
[86] 2016-01-13 (PCT/US2016/013282)
[87] (WO2016/118384)
[30] US (14/603,534) 2015-01-23

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[13] A1
[51] **Int.Cl. B65D 77/06 (2006.01) B65D 75/58 (2006.01) B65D 83/00 (2006.01)**
[25] EN
[54] **CLEANING LIQUID DISPENSING SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE LIQUIDE DE LAVAGE**
[72] GATELY, JOHN DECLAN, GB
[72] PRYOR, JAMES GARFIELD, GB
[72] SMITH, ELIZABETH JANE, GB
[71] UNILEVER PLC, GB
[85] 2017-07-12
[86] 2016-01-13 (PCT/EP2016/050583)
[87] (WO2016/113317)
[30] EP (15151533.5) 2015-01-16

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[13] A1
[51] **Int.Cl. A61K 38/26 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **TREATMENT OF PEDIATRIC TYPE 2 DIABETES MELLITUS PATIENTS WITH LIXISENATIDE**
[54] **TRAITEMENT DE PATIENTS PEDIATRIQUES SOUFFRANT DE DIABETE SUCRE DE TYPE 2 AVEC DU LIXISENATIDE**
[72] BERGMANN, KARIN, DE
[72] HINCELIN-MERY, AGNES, FR
[72] JAN, CHRISTELLE, FR
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
[85] 2017-07-12
[86] 2016-01-15 (PCT/EP2016/050804)
[87] (WO2016/113404)
[30] EP (15151488.2) 2015-01-16

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[13] A1
[51] **Int.Cl. H04N 19/186 (2014.01) H04N 19/117 (2014.01) H04N 19/126 (2014.01) H04N 19/136 (2014.01) H04N 19/182 (2014.01) H04N 19/80 (2014.01) H04N 19/98 (2014.01)**
[25] EN
[54] **A METHOD AND APPARATUS OF ENCODING AND DECODING A COLOR PICTURE**
[54] **PROCEDE ET APPAREIL DE CODAGE ET DECODAGE D'UNE IMAGE EN COULEURS**
[72] LASSERRE, SEBASTIEN, FR
[72] LELEANNEC, FABRICE, FR
[72] BORDES, PHILIPPE, FR
[71] THOMSON LICENSING, FR
[85] 2017-07-12
[86] 2016-01-25 (PCT/EP2016/051448)
[87] (WO2016/120208)
[30] EP (15305119.8) 2015-01-30

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[13] A1
[51] **Int.Cl. C10G 3/00 (2006.01) C07C 1/20 (2006.01)**
[25] EN
[54] **HYDROGEN REJECTION IN METHANOL TO HYDROCARBON PROCESS**
[54] **REJET D'HYDROGENE DANS PROCEDE DE CONVERSION DE METHANOL EN HYDROCARBURE**
[72] JOENSEN, FINN, DK
[72] MENTZEL, UFFE VIE, DK
[72] MENJON, IAN, DK
[71] HALDOR TOPSOE A/S, DK
[85] 2017-07-12
[86] 2016-01-22 (PCT/EP2016/051366)
[87] (WO2016/116611)
[30] DK (PA 2015 70042) 2015-01-22

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[13] A1
[51] **Int.Cl. C10G 3/00 (2006.01) C07C 1/20 (2006.01)**
[25] EN
[54] **PROCESS FOR CONVERTING METHANOL TO HYDROCARBONS SUITABLE FOR USE AS GASOLINE OR BLENDSTOCK**
[54] **PROCEDE DE CONVERSION DE METHANOL EN HYDROCARBURES CONVENANT A L'UTILISATION COMME ESSENCE OU BASE DE MELANGE POUR ESSENCE.**
[72] JOENSEN, FINN, DK
[72] MENTZEL, UFFE VIE, DK
[72] MENJON, IAN, DK
[71] HALDOR TOPSOE A/S, DK
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[30] DK (PA 2015 70042) 2015-01-22

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[51] **Int.Cl. C07D 401/12 (2006.01) C07D 403/12 (2006.01) C07D 491/107 (2006.01)**
[25] EN
[54] **ETHYLENEDIAMINETETRAACETIC ACID BIS(AMIDE) DERIVATIVES AND THEIR RESPECTIVE COMPLEXES WITH MN(II) ION FOR USE AS MRI CONTRAST AGENT**
[54] **DERIVES BIS(AMIDE) D'ACIDE ETHYLENE DIAMINETETRAACETIQUE ET LEURS COMPLEXES RESPECTIFS AVEC L'ION MN(II) POUR UTILISATION EN TANT QU'AGENT DE CONTRASTE POUR IRM**
[72] BARANYAI, ZSOLT, IT
[72] GARDA, ZOLTAN, HU
[72] KALMAN, FERENC KRISZTIAN, HU
[72] KRUSPER, LASZLO, HU
[72] TIRCSO, GYULA, HU
[72] TOTH, IMRE, HU
[72] GHIANI, SIMONA, IT
[72] MAIOCCHI, ALESSANDRO, IT
[71] BRACCO IMAGING SPA, IT
[85] 2017-07-12
[86] 2016-02-25 (PCT/EP2016/053960)
[87] (WO2016/135234)
[30] HU (P1500076) 2015-02-25
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[25] EN
[54] **RADIOPHARMACEUTICAL SOLUTIONS WITH ADVANTAGEOUS PROPERTIES**
[54] **SOLUTIONS RADIOPHARMACEUTIQUES PRESENTANT DES PROPRIETES AVANTAGEUSES**
[72] LARSEN, ROY HARTVIG, NO
[71] SCIENCONS AS, NO
[85] 2017-07-12
[86] 2016-02-24 (PCT/EP2016/053874)
[87] (WO2016/135200)
[30] EP (15156714.6) 2015-02-26
[30] US (14/632,849) 2015-02-26

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[25] EN
[54] **9H-PYRROLO-DIPYRIDINE DERIVATIVES**
[54] **DERIVES DE 9H-PYRROLO-DIPYRIDINE**
[72] MERCIER, JOEL, BE
[72] PROVINS, LAURENT, BE
[72] VERMEIREN, CELINE, BE
[72] SABNIS, YOGESH ANIL, BE
[71] UCB BIOPHARMA SPRL, BE
[85] 2017-07-12
[86] 2016-01-29 (PCT/EP2016/051993)
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[51] **Int.Cl. G08B 13/186 (2006.01)**
[25] EN
[54] **BUILDING MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE DE BATIMENT**
[72] MILLER, LEE DOUGLAS, GB
[72] MCKEE, KAREN LOUISE, GB
[71] MBDA UK LIMITED, GB
[85] 2017-07-12
[86] 2016-01-11 (PCT/GB2016/050052)
[87] (WO2016/113547)
[30] GB (1500561.4) 2015-01-14
[30] EP (15275010.5) 2015-01-14

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[13] A1
[51] **Int.Cl. G08B 21/10 (2006.01)**
[25] EN
[54] **METHOD FOR DISASTER NOTIFICATION SERVICE NOT REQUIRING COLLECTING OF LOCATION INFORMATION, AND DISASTER NOTIFICATION SERVER AND APPLICATION SYSTEM THEREFOR**
[54] **PROCEDE POUR SERVICE DE NOTIFICATION DE CATASTROPHE NE NECESSITANT PAS DE COLLECTE D'INFORMATIONS DE LOCALISATION, ET SERVEUR DE NOTIFICATION DE CATASTROPHE ET SYSTEME D'APPLICATION ASSOCIES**
[72] JANG, BOO JOONG, KR
[71] EEYA MEDIA INC., KR
[85] 2017-07-12
[86] 2016-01-14 (PCT/KR2016/000391)
[87] (WO2016/114601)
[30] KR (10-2015-0007836) 2015-01-16

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[51] **Int.Cl. B65D 83/38 (2006.01) B65D 83/42 (2006.01) B65D 83/32 (2006.01) B65D 83/48 (2006.01) B65D 83/62 (2006.01)**
[25] FR
[54] **RING FOR SECURING A POUCH IN A PRESSURIZED DISPENSER AND METHOD FOR PRESSURIZING A PRESSURIZED DISPENSER FITTED WITH SUCH A RING**
[54] **BAGUE POUR LA FIXATION D'UNE POCHE DANS UN DISTRIBUTEUR SOUS PRESSION ET PROCEDE DE MISE SOUS PRESSION D'UN DISTRIBUTEUR SOUS PRESSION MUNI D'UNE TELLE BAGUE**
[72] BOREL, BERNARD, FR
[72] PELTIER, JEROME, FR
[71] LINDAL FRANCE SAS, FR
[85] 2017-07-12
[86] 2016-02-03 (PCT/EP2016/052237)
[87] (WO2016/124622)
[30] FR (1550903) 2015-02-05

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[51] **Int.Cl. C07D 513/04 (2006.01) A61K 31/429 (2006.01) A61P 25/28 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **IMIDAZO[2,1-B]THIAZOLE AND 5,6-DIHYDROIMIDAZO[2,1-B]THIAZOLE DERIVATIVES USEFUL AS S100-INHIBITORS**
[54] **DERIVES IMIDAZO[2,1-B]THIAZOLE ET 5,6-DIHYDROIMIDAZO[2,1-B]THIAZOLE UTILES EN TANT QU'INHIBITEURS DE S100**
[72] WELLMAR, ULF, SE
[72] EAST, STEPHEN, GB
[72] BAINBRIDGE, MARIE, GB
[72] MACKINNON, COLIN, GB
[72] CARR, JAMES, GB
[72] HARGRAVE, JONATHAN, GB
[71] ACTIVE BIOTECH AB, SE
[85] 2017-07-13
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[51] **Int.Cl. H04N 21/4722 (2011.01) H04N 21/234 (2011.01) H04N 21/258 (2011.01) H04N 21/472 (2011.01)**
[25] EN
[54] **METHODS FOR IDENTIFYING VIDEO SEGMENTS AND DISPLAYING OPTION TO VIEW FROM AN ALTERNATIVE SOURCE AND/OR ON AN ALTERNATIVE DEVICE**
[54] **PROCEDES D'IDENTIFICATION DE SEGMENTS VIDEO ET D'AFFICHAGE D'UNE OPTION DE VISUALISATION A PARTIR D'UNE SOURCE DE SUBSTITUTION ET/OU SUR UN DISPOSITIF DE SUBSTITUTION**
[72] NEUMEIER, ZEEV, US
[72] COLLETTE, MICHAEL, US
[71] INSCAPE DATA, INC., US
[85] 2017-07-12
[86] 2016-01-29 (PCT/US2016/015681)
[87] (WO2016/123495)
[30] US (62/110,024) 2015-01-30

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[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01)**
[25] EN
[54] **A NOVEL COMPLEX COMPRISING A CELL PENETRATING PEPTIDE, A CARGO AND A TLR PEPTIDE AGONIST**
[54] **NOUVEAU COMPLEXE COMPRENANT UN PEPTIDE DE PENETRATION CELLULAIRE, UN CARGO ET UN AGONISTE DES PEPTIDES TLR**
[72] DEROUAZI, MADIHA, CH
[72] BELNOUE, ELODIE, CH
[71] AMAL THERAPEUTICS SA, CH
[85] 2017-07-13
[86] 2016-03-16 (PCT/EP2016/000471)
[87] (WO2016/146260)
[30] EP (PCT/EP2015/000580) 2015-03-16
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[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01)**
[25] EN
[54] **A NOVEL COMPLEX COMPRISING A CELL PENETRATING PEPTIDE, A CARGO AND A TLR PEPTIDE AGONIST FOR TREATMENT OF GLIOBLASTOMA**
[54] **NOUVEAU COMPLEXE COMPRENANT UN PEPTIDE PENETRANT DANS LES CELLULES, UNE CHARGE ET UN AGONISTE PEPTIDIQUE DE TLR POUR LE TRAITEMENT D'UN GLIOBLASTOME**
[72] DEROUAZI, MADIHA, CH
[72] BELNOUE, ELODIE, CH
[71] AMAL THERAPEUTICS SA, CH
[85] 2017-07-13
[86] 2016-03-16 (PCT/EP2016/000470)
[87] (WO2016/146259)
[30] EP (PCT/EP2015/000580) 2015-03-16
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[51] **Int.Cl. H04L 12/58 (2006.01) H04W 4/12 (2009.01) G06F 3/0488 (2013.01) G06F 3/14 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MANAGING ACCESS TO MESSAGE CONTENT**
[54] **SYSTEMES ET PROCEDES POUR GERER L'ACCES A UN CONTENU DE MESSAGE**
[72] ANDREEV, ALEXANDRA, IL
[72] ILTUS, SAGI, IL
[72] ARIE, MAY BEN, IL
[72] BIRGER, ELI, IL
[72] NAHUM, EREZ, IL
[71] VONAGE BUSINESS INC., US
[85] 2017-07-12
[86] 2016-02-08 (PCT/US2016/016976)
[87] (WO2016/130466)
[30] US (14/620,736) 2015-02-12

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **PYRAZINE COMPOUNDS FOR THE TREATMENT OF INFECTIOUS DISEASES**
[54] **COMPOSES DE PYRAZINE POUR LE TRAITEMENT DE MALADIES INFECTIEUSES**
[72] HU, TAISHAN, CN
[72] HAN, XINGCHUN, CN
[72] KOU, BUYU, CN
[72] SHEN, HONG, CN
[72] YAN, SHIXIANG, CN
[72] ZHANG, ZHISEN, CN
[71] F.HOFFMANN-LA ROCHE AG, CH
[85] 2017-07-13
[86] 2016-01-13 (PCT/EP2016/050504)
[87] (WO2016/113273)
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[30] CN (PCT/CN2015/077356) 2015-04-24
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[51] **Int.Cl. G01N 21/33 (2006.01) C02F 1/32 (2006.01) G01N 21/59 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING THE UV TRANSMITTANCE OF WATER**
[54] **PROCEDE PERMETTANT DE DETERMINER LE DEGRE DE TRANSMISSION DE LUMIERE UV DE L'EAU**
[72] KRUGER, FRIEDHELM, DE
[72] KANIGOWSKI, UWE, DE
[71] XYLEM IP MANAGEMENT S.A.R.L., LU
[85] 2017-07-13
[86] 2016-01-15 (PCT/EP2016/050765)
[87] (WO2016/113390)
[30] DE (10 2015 000 263.5) 2015-01-16

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **2-PHENYL-3H-IMIDAZO[4,5-B]PYRIDINE DERIVATES USEFUL AS INHIBITORS OF MAMMALIAN TYROSINE KINASE ROR1 ACTIVITY**
[54] **DERIVES DE 2-PHENYL-3H-IMIDAZO[4,5-B]PYRIDINE UTILISES COMME INHIBITEURS DE L'ACTIVITE DE LA TYROSINE KINASE DE MAMMIFERE ROR1**
[72] MELLSTEDT, HAKAN, SE
[72] BYSTROM, STYRBJORN, SE
[72] VAGBERG, JAN, SE
[72] OLSSON, ELISABETH, SE
[71] KANCERA AB, SE
[85] 2017-07-13
[86] 2016-02-01 (PCT/EP2016/052091)
[87] (WO2016/124553)
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[51] **Int.Cl. C07C 17/386 (2006.01) C07C 19/12 (2006.01)**
[25] FR
[54] **PROCESS FOR SEPARATING 2-CHLORO-1,1-DIFLUOROETHANE AND TRANS-DICHLOROETHYLENE**
[54] **PROCEDE DE SEPARATION DU 2-CHLORO-1,1-DIFLUOROETHANE ET DU TRANS-DICHLOROETHYLENE**
[72] GARRAIT, DOMINIQUE, FR
[72] ANDRE, DAVID, FR
[72] BABA-AHMED, ABDELATIF, FR
[72] HERDT, CHARLOTTE, FR
[71] ARKEMA FRANCE, FR
[85] 2017-07-13
[86] 2016-02-15 (PCT/EP2016/053192)
[87] (WO2016/131782)
[30] FR (1551312) 2015-02-17

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[13] A1
[51] **Int.Cl. C07C 303/28 (2006.01) C07C 309/66 (2006.01) C07C 319/02 (2006.01) C07C 319/14 (2006.01) C07C 323/14 (2006.01) C07C 323/22 (2006.01) C07C 327/22 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF A POLYUNSATURATED KETONE COMPOUND**
[54] **PROCEDE DE PREPARATION D'UN COMPOSE CETONE POLYINSATURE**
[72] SANDBERG, MARCEL, NO
[72] AUKRUST, INGER-REIDUN, NO
[71] AVEXXIN AS, NO
[85] 2017-07-13
[86] 2016-01-25 (PCT/EP2016/051456)
[87] (WO2016/116634)
[30] GB (1501144.8) 2015-01-23

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[13] A1
[51] **Int.Cl. C07D 473/18 (2006.01) A61K 31/52 (2006.01) A61P 35/00 (2006.01) C07D 473/34 (2006.01) C07F 9/6574 (2006.01) C07H 19/213 (2006.01)**
[25] EN
[54] **CYCLIC DINUCLEOTIDES USEFUL FOR THE TREATMENT OF INTER ALIA CANCER**
[54] **DINUCLEOTIDES CYCLIQUES UTILES POUR TRAITER, ENTRE AUTRES, LE CANCER**
[72] BIGGADIKE, KEITH, GB
[72] CHAMPIGNY, AURELIE CECILE, GB
[72] COE, DIANE MARY, GB
[72] NEEDHAM, DEBORAH, GB
[72] TAPE, DANIEL TERENCE, GB
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[85] 2017-07-13
[86] 2016-01-27 (PCT/EP2016/051654)
[87] (WO2016/120305)
[30] GB (1501462.4) 2015-01-29
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[51] **Int.Cl. H04B 17/11 (2015.01) H03G 3/30 (2006.01) H04B 1/04 (2006.01) H04B 7/005 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR RADIO BASED AUTOMATIC LEVEL CONTROL FOR LINEAR RADIO CALIBRATION**
[54] **PROCEDE ET APPAREIL POUR UNE COMMANDE DE NIVEAU AUTOMATIQUE BASEE SUR UNE RADIO POUR UN ETALONNAGE DE RADIO LINEAIRE**
[72] JACKSON, THOMAS, US
[72] JOSHI, RAJESH, US
[72] DAUBERMAN, MICHAEL, US
[71] HUGHES NETWORK SYSTEMS, LLC, US
[85] 2017-07-13
[86] 2016-01-11 (PCT/US2016/012898)
[87] (WO2016/115047)
[30] US (14/596,050) 2015-01-13

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[13] A1
[51] **Int.Cl. A61K 31/4545 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ANTIHISTAMINE FOR USE IN TREATMENT OF BREAST CANCER**
[54] **ANTIHISTAMINIQUE UTILISE DANS LE TRAITEMENT DU CANCER DU SEIN**
[72] OLSSON, HAKAN, SE
[72] EINEFORS, RICKARD, SE
[71] BELINA PHARMA AB, SE
[85] 2017-07-14
[86] 2016-01-19 (PCT/EP2016/051000)
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[30] SE (1550036-6) 2015-01-19

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[13] A1
[51] **Int.Cl. B65D 25/00 (2006.01)**
[25] EN
[54] **DISPLAY CONTAINER**
[54] **CONTENANT PRESENTOIR**
[72] HUIZINGH, JOHN, NL
[72] KELLERER, RICHARD, DE
[71] IFCO SYSTEMS GMBH, DE
[85] 2017-07-14
[86] 2016-01-22 (PCT/EP2016/051277)
[87] (WO2016/116581)
[30] DE (10 2015 100 886.6) 2015-01-22

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[51] **Int.Cl. B65D 41/04 (2006.01) B67B 3/06 (2006.01)**
[25] EN
[54] **SCREW CAP, TOOL AND METHOD FOR SCREWING A CAP ONTO A CONTAINER**
[54] **BOUCHON A VIS, OUTIL ET PROCEDE DE VISSAGE D'UN BOUCHON SUR UN RECIPIENT**
[72] BERG, HAKAN, SE
[72] VIRGILI, MAGNUS, SE
[71] TETRA LAVAL HOLDINGS & FINANCE S.A., CH
[85] 2017-07-14
[86] 2016-01-14 (PCT/EP2016/050624)
[87] (WO2016/116344)
[30] SE (1550070-5) 2015-01-23

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[13] A1
[51] **Int.Cl. H01B 3/30 (2006.01) H01B 3/02 (2006.01) H01B 9/00 (2006.01)**
[25] EN
[54] **ACCESSORY FOR HIGH VOLTAGE DIRECT CURRENT ENERGY CABLES**
[54] **ACCESSOIRE POUR CABLES D'ENERGIE POUR COURANT CONTINU A HAUTE TENSION**
[72] BOFFI, PAOLO, IT
[72] MARELLI, MARCO, IT
[71] PRYSMIAN S.P.A., IT
[85] 2017-07-14
[86] 2015-01-21 (PCT/IB2015/050469)
[87] (WO2016/116779)

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[13] A1
[51] **Int.Cl. H04W 72/12 (2009.01) H04W 16/28 (2009.01) H04W 74/08 (2009.01)**
[25] EN
[54] **RANDOM-ACCESS RESPONSE WITH ANALOG BEAMFORMING**
[54] **REPONSE D'ACCES ALEATOIRE AVEC UNE FORMATION DE FAISCEAU ANALOGIQUE**
[72] FURUSKOG, JOHAN, SE
[72] SAHLIN, HENRIK, SE
[72] BERGSTROM, ANDREAS, SE
[72] ANDERSSON, HAKAN, SE
[72] WIBERG, NICLAS, SE
[72] ZHANG, QIANG, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2017-07-14
[86] 2016-01-21 (PCT/IB2016/050304)
[87] (WO2016/120761)
[30] US (62/109,897) 2015-01-30
[30] US (14/755,895) 2015-06-30

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[13] A1
[51] **Int.Cl. H04N 21/258 (2011.01) H04H 60/33 (2009.01) H04N 21/442 (2011.01)**
[25] EN
[54] **HOME SCREEN INTELLIGENT VIEWING**
[54] **VISUALISATION INTELLIGENTE D'ECRAN DOMESTIQUE**
[72] PANGILINAN, MELISSA, US
[72] MINNICK, DANNY J., US
[71] ECHOSTAR TECHNOLOGIES L.L.C., US
[85] 2017-07-14
[86] 2016-01-15 (PCT/US2016/013685)
[87] (WO2016/115510)
[30] US (14/597,540) 2015-01-15

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[13] A1
[51] **Int.Cl. B01D 65/10 (2006.01) C25B 1/12 (2006.01) C25B 15/06 (2006.01)**
[25] EN
[54] **CHECKING A MEMBRANE LEAKTIGHTNESS OF AT LEAST ONE MEMBRANE OF AN ELECTROLYZER**
[54] **CONTROLE DE L'ETANCHEITE D'AU MOINS UNE MEMBRANE D'UN ELECTROLYSEUR**
[72] HANEBUTH, MARC, DE
[72] HERTSCH, HAGEN, DE
[72] SAWINSKY, MICHAEL, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2017-07-17
[86] 2015-12-08 (PCT/EP2015/078979)
[87] (WO2016/116211)
[30] EP (15151622.6) 2015-01-19

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[13] A1
[51] **Int.Cl. H04S 5/00 (2006.01)**
[25] EN
[54] **LOUDSPEAKER ARRANGEMENT FOR THREE-DIMENSIONAL SOUND REPRODUCTION IN CARS**
[54] **AGENCEMENT DE HAUT-PARLEUR POUR REPRODUCTION SONORE TRIDIMENSIONNELLE DANS DES VOITURES**
[72] HESS, WOLFGANG, DE
[72] HELLMUTH, OLIVER, DE
[72] VARGA, STEFAN, DE
[72] HEISE, ULRIK, AT
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2017-07-17
[86] 2016-01-19 (PCT/EP2016/051001)
[87] (WO2016/116439)
[30] EP (15151852.9) 2015-01-20

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[13] A1
[51] **Int.Cl. A61K 31/485 (2006.01) A61K 9/00 (2006.01) A61K 45/06 (2006.01) A61P 25/04 (2006.01)**
[25] EN
[54] **A COMBINATION OF HYDROMORPHONE AND NALOXONE FOR USE IN TREATING PAIN IN PATIENTS SUFFERING FROM PAIN AND A DISEASE RESULTING IN INTESTINAL DYSBIOSIS AND/OR INCREASING THE RISK FORINTESTINAL BACTERIAL TRANSLOCATION**
[54] **COMBINAISON D'HYDROMORPHONE ET DE NALOXONE A UTILISER DANS LE TRAITEMENT DE LA DOULEUR CHEZ DES PATIENTS SOUFFRANT DE DOULEUR ET D'UNE MALADIE ENTRAINANT UNE DYSBIOSE INTESTINALE ET/OU L'AUGMENTATION DU RISQUE DE TRANSLOCATION BACTERIENNE INTESTINALE**
[72] OKSCHE, ALEXANDER, DE
[72] REIMER, KAREN, DE
[71] EURO-CELTIQUE S.A., LU
[85] 2017-07-17
[86] 2016-01-22 (PCT/EP2016/051371)
[87] (WO2016/116615)
[30] EP (15152360.2) 2015-01-23

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[13] A1
[51] **Int.Cl. B01L 3/00 (2006.01) A61B 10/00 (2006.01) G01N 1/31 (2006.01)**
[25] EN
[54] **ASSEMBLY FOR STORING AND TRANSPORTING TISSUE SAMPLES IMMERSED IN A FLUID**
[54] **ENSEMBLE POUR STOCKER ET TRANSPORTER DES ECHANTILLONS TISSULAIRES IMMERGES DANS UN FLUIDE**
[72] OTTER, MICHAEL, US
[72] CRUM, NATHAN, US
[71] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2017-07-17
[86] 2016-02-17 (PCT/EP2016/053341)
[87] (WO2016/131859)
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[54] **PROCEDE D'ETALONNAGE D'UNE UNITE D'AFFICHAGE MULTI-VUE**
[72] NG, ALBERT HAN, US
[72] DIETZ, PAUL HENRY, US
[72] THOMPSON, DAVID STEVEN, US
[71] MISAPPLIED SCIENCES, INC., US
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[25] EN
[54] **CHANNEL FEEDBACK PRECEDING DOWNLINK DATA TRANSMISSIONS IN CELLULAR IOT SYSTEMS**
[54] **TRANSMISSIONS DE DONNEES DE LIAISON DESCENDANTE PRECEDANT UNE RETROACTION DE CANAL DANS DES SYSTEMES CELLULAIRES IOT**
[72] SADIQ, BILAL, US
[72] LI, JUNYI, US
[72] WANG, XIAO FENG, US
[71] QUALCOMM INCORPORATED, US
[85] 2017-07-17
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[54] **SCALABLE SYSTEM AND METHODS FOR MONITORING AND CONTROLLING A SANITARY FACILITY USING DISTRIBUTED CONNECTED DEVICES**
[54] **SYSTEME EVOLUTIF ET METHODES POUR LA SURVEILLANCE ET LE CONTROLE D'UNE INSTALLATION SANITAIRE PAR DES DISPOSITIFS CONNECTES DISTRIBUES**
[72] SOMAJINI, CLAUDE, FR
[71] WATER MANAGER S.A.R.L., LU
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[86] 2016-01-18 (PCT/EP2016/050909)
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[51] **Int.Cl. A61K 9/00 (2006.01) B29C 67/00 (2017.01)**
[25] EN
[54] **DRUG DELIVERY SYSTEM COMPRISING A NON-STEROIDAL ANTI-INFLAMMATORY (NSAID) AND A PROGESTOGENIC COMPOUND AND METHODS FOR MANUFACTURING**
[54] **SYSTEME D'ADMINISTRATION DE MEDICAMENT COMPRENANT UN ANTI-INFLAMMATOIRE NON STEROIDIEN (AINS) ET UN COMPOSE PROGESTATIF, ET PROCEDES DE FABRICATION**
[72] JUKARAINEN, HARRI, FI
[72] PIHLAJA, JYRKI, FI
[72] HOLMBERG, SVANTE, FI
[72] VALO, TUULA, FI
[72] HONKA, ANU-LIISA, FI
[72] HOLLAENDER, JENNY, FI
[71] BAYER OY, FI
[85] 2017-07-18
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[25] EN
[54] **FREQUENCY RESOURCE ALLOCATION FOR A NARROW-BAND CELLULAR INTERNET OF THINGS SYSTEM**
[54] **ALLOCATION DE RESSOURCES DE FREQUENCE A UN SYSTEME CELLULAIRE D'INTERNET DES OBJETS A BANDE ETROITE**
[72] LI, JUNYI, US
[72] ABEDINI, NAVID, US
[72] WANG, XIAO FENG, US
[71] QUALCOMM INCORPORATED, US
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[30] US (62/120,763) 2015-02-25
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[25] EN
[54] **SPEECH REPRODUCTION DEVICE CONFIGURED FOR MASKING REPRODUCED SPEECH IN A MASKED SPEECH ZONE**
[54] **DISPOSITIF DE REPRODUCTION DE LA PAROLE CONFIGURE POUR MASQUER LA PAROLE REPRODUITE DANS UNE ZONE DE PAROLE MASQUEE**
[72] WALTHER, ANDREAS, DE
[72] SCHNEIDER, MARTIN, DE
[72] HABETS, EMANUEL, DE
[72] HELLMUTH, OLIVER, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[25] EN
[54] **PLATELET CONCENTRATE FOR INCREASE OF CELL REGENERATION AND CELL GROWTH**
[54] **CONCENTRE DE PLAQUETTES POUR L'AUGMENTATION DE LA REGENERATION DE CELLULES ET LA CROISSANCE DE CELLULES**
[72] TURKOF, EDVIN, AT
[72] DETTKE, MARKUS, AT
[72] ADLER, ARTHUR, AT
[71] TURKOF, EDVIN, AT
[85] 2017-07-19
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[25] EN
[54] **DELAY COMPENSATION FOR BROADCAST ADAPTIVE BITRATE STREAMING**
[54] **COMPENSATION DE RETARD POUR LA DIFFUSION EN CONTINU A DEBIT BINAIRE ADAPTATIF**
[72] WALKER, GORDON KENT, US
[72] STOCKHAMMER, THOMAS, US
[71] QUALCOMM INCORPORATED, US
[85] 2017-07-18
[86] 2016-02-23 (PCT/US2016/019045)
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[25] EN
[54] **PENICILLIN RETARD COMPOSITION FOR INTRAMUSCULAR INJECTION**
[54] **COMPOSITION RETARD DE PENICILLINE POUR INJECTION INTRAMUSCULAIRE**
[72] BITTER, CHRISTOPH, AT
[72] DEGENDORFER, HEIKO, AT
[72] RANEBURGER, JOHANNES, AT
[71] SANDOZ AG, CH
[85] 2017-07-18
[86] 2016-02-22 (PCT/EP2016/053625)
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[25] FR
[54] **ETHERNET SWITCH FOR FIBEROPTIC NETWORK**
[54] **COMMUTATEUR ETHERNET POUR RESEAU EN FIBRE OPTIQUE**
[72] BILLET, GILLES, FR
[72] SILLANS, CHRISTIAN, FR
[72] MASSELOT, MICHAEL, FR
[71] IFOTEC, FR
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[54] **METHOD OF MANUFACTURING STEREOISOMERS OF BUPRENORPHINE AND ANALOGUES THEREOF**
[54] **PROCEDE DE FABRICATION DE STEREOISOMERES DE BUPRENORPHINE ET ANALOGUES DE CES DERNIERS**
[72] SAHLI, STEFAN, CH
[72] WEBER, BEAT THEODOR, CH
[71] SIEGFRIED AG, CH
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[54] **DOWNHOLE COMMUNICATIONS USING SELECTABLE FREQUENCY BANDS**
[54] **COMMUNICATIONS DE FOND DE TROU UTILISANT DES BANDES DE FREQUENCE POUVANT ETRE SELECTIONNEES**
[72] ROBERSON, MARK W., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING MULTIMEDIA CONTENT**
[54] **PROCEDE ET APPAREIL D'EMISSION ET DE RECEPTION DE CONTENU MULTIMEDIA**
[72] BAE, JAE-HYEON, KR
[72] PARK, KYUNG-MO, KR
[72] SO, YOUNG-WAN, KR
[72] YANG, HYUN-KOO, KR
[72] HWANG, SUNG-HEE, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[25] EN
[54] **SYSTEM AND METHOD FOR IDENTIFYING A COMMUNICATION FOR ROUTING PURPOSES USING INTERNET PROTOCOL ADDRESSES THAT ARE ALLOCATED BY AND SHARED AMONGST INTERNET SERVICE PROVIDER NETWORKS**
[54] **ADRESSES IP DEPENDANT DU SERVICE**
[72] BABARIA, JIGAR, US
[72] NADAR, SRINIVASA, US
[71] TATA COMMUNICATIONS (AMERICA) INC., US
[85] 2017-07-19
[86] 2016-01-19 (PCT/US2016/013894)
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[25] EN
[54] **PROCESS FOR THE PURIFICATION OF GA-68 FROM ELUATE DERIVING FROM 68GE/68GA GENERATORS AND CHROMATOGRAPHIC COLUMNS FOR USE IN SAID PROCESS**
[54] **PROCEDE DE PURIFICATION DE GA-68 D'ELUAT PROVENANT DE GENERATEURS DE 68GE/68GA ET COLONNES CHROMATOGRAPHIQUES A UTILISER DANS LEDIT PROCEDE**
[72] FUGAZZA, LORENZA, IT
[72] MARIANI, MAURIZIO FRANCO, IT
[71] ADVANCED ACCELERATOR APPLICATIONS INTERNATIONAL S.A., CH
[85] 2017-07-17
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[51] **Int.Cl. C07C 253/30 (2006.01) C07C 255/40 (2006.01) C07D 211/22 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF 2-[4-(CYCLOPROPANECARBONYL)PHENYL]-2-METHYL-PROPANENITRILE**
[54] **PROCEDE POUR LA PRODUCTION DE 2-[4-(CYCLOPROPANECARBONYL)PHENYL]-2-METHYL-PROPANENITRILE**
[72] WEHLAN, HERMUT, DE
[72] ROSSEN, KAI, DE
[72] SCHAEFER, ALEXANDER, DE
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
[85] 2017-07-20
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[25] EN
[54] **CONTROL OF ACCESSES FOR IMS SERVICES**
[54] **COMMANDE D'ACCES POUR SERVICES IMS**
[72] RUSSELL, NICHOLAS JAMES, GB
[72] BUCKLEY, ADRIAN, US
[71] BLACKBERRY LIMITED, CA
[85] 2017-07-20
[86] 2016-01-26 (PCT/GB2016/050158)
[87] (WO2016/120602)
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[25] EN
[54] **2-OXO-3,4-DIHYDROQUINOLINE COMPOUNDS AS PLANT GROWTH REGULATORS**
[54] **COMPOSES 2-OXO-3,4-DIHYDROQUINOLEINE A UTILISER EN TANT QUE REGULATEURS DE CROISSANCE DES PLANTES**
[72] LACHIA, MATHILDE DENISE, CH
[72] LOISELEUR, OLIVIER, CH
[72] WENDEBORN, SEBASTIAN VOLKER, CH
[72] JUNG, PIERRE JOSEPH MARCEL, CH
[72] SABBADIN, DAVIDE, CH
[72] BECK, ANDREAS, CH
[71] SYNGENTA PARTICIPATIONS AG, CH
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[54] **PRESSURE CONTROL SYSTEM**
[54] **SYSTEME DE REGULATION DE PRESSION**
[72] KELDERS, QUINT, NL
[71] AIROPACK TECHNOLOGY GROUP B.V., NL
[85] 2017-07-20
[86] 2016-01-26 (PCT/EP2016/051572)
[87] (WO2016/120269)
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[25] EN
[54] **PERSONAL EMERGENCY TRIGGERING, NOTIFICATION AND COMMUNICATION FOR SMARTWATCHES**
[54] **DECLENCHEMENT, NOTIFICATION ET COMMUNICATION D'URGENCES PERSONNELLES POUR MONTRES INTELLIGENTES**
[72] COHEN, MORGAN, CH
[71] SMARTWATCHER TECHNOLOGIES AG, CH
[85] 2017-07-20
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[30] US (62/107,252) 2015-01-23

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[25] FR
[54] **PROCESS AND FACILITY FOR PRODUCING A POWDERED POROUS PRODUCT**
[54] **PROCEDE ET INSTALLATION DE PRODUCTION D'UN PRODUIT POREUX EN POUDRE**
[72] BRISSET, ALAIN, FR
[72] COLLADO, MAXIME, FR
[71] CLEXTRAL, FR
[85] 2017-07-20
[86] 2016-01-20 (PCT/EP2016/051148)
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[51] **Int.Cl. A61K 31/407 (2006.01) A61P 25/04 (2006.01) A61P 25/36 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **CEBRANOPADOL FOR TREATING PAIN IN SUBJECTS WITH IMPAIRED HEPATIC AND/OR IMPAIRED RENAL FUNCTION**
[54] **CEBRANOPADOL POUR LE TRAITEMENT DE LA DOULEUR CHEZ DES SUJETS A FONCTION HEPATIQUE ALTEREE ET/OU FONCTION RENALE ALTEREE**
[72] KLEIDEITER, ELKE, DE
[72] CHRISTOPH, ANNETTE, DE
[72] FUSSEN, RENE, DE
[72] OSSIG, JOACHIM, DE
[72] BOINPALLY, RAMESH, US
[71] GRUNENTHAL GMBH, DE
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[54] **GENERATEUR DE VAPEUR A RECUPERATION DE CHALEUR**
[72] ZUBROD, HORST, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2017-07-21
[86] 2016-01-20 (PCT/EP2016/051144)
[87] (WO2016/116509)
[30] EP (15152291.9) 2015-01-23

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[51] **Int.Cl. G01N 27/327 (2006.01)**
[25] EN
[54] **REFERENCE ELECTRODE ERROR TRAP DETERMINED FROM A SPECIFIED SAMPLING TIME AND A PRE-DETERMINED SAMPLING TIME**
[54] **PIEGE A ERREUR D'ELECTRODE DE REFERENCE DETERMINE A PARTIR D'UN TEMPS D'ECHANTILLONNAGE SPECIFIE ET D'UN TEMPS D'ECHANTILLONNAGE PRE-DETERMINE**
[72] MACKINTOSH, STEPHEN, GB
[72] SMITH, ANTONY, GB
[71] LIFESCAN SCOTLAND LIMITED, GB
[85] 2017-07-21
[86] 2016-01-25 (PCT/EP2016/051455)
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[30] US (14/605,501) 2015-01-26

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[25] EN
[54] **METHOD FOR PRODUCING A FOOD PRODUCT BASED ON VINEGAR CREAM AND CHEESE CREAM AND A PRODUCT OBTAINED USING SUCH METHOD**
[54] **PROCEDE DE PRODUCTION D'UN PRODUIT ALIMENTAIRE A BASE DE CREME DE VINAIGRE ET CREME DE FROMAGE ET PRODUIT OBTENU EN UTILISANT UN TEL PROCEDE**
[72] CARANDINI, GIOVANNI, IT
[71] ACETIFICIO CARANDINI EMILIO S.P.A., IT
[85] 2017-07-24
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[54] **SYSTEMS, APPARATUSES, AND METHODS FOR THE OPTIMIZATION OF LASER PHOTOCOAGULATION**
[54] **SYSTEMES, APPAREILS ET METHODES POUR L'OPTIMISATION D'UNE PHOTOCOAGULATION AU LASER**
[72] CLAUS, MICHAEL JOHN, US
[72] SANCHEZ, ROBERT, US
[72] HEEREN, TAMMO, US
[72] OLIVERA, ARGELIO MICHAEL, US
[72] PAPAC, MICHAEL, US
[72] YU, LINGFENG, US
[72] REN, HUGANG, US
[71] NOVARTIS AG, CH
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[86] 2016-03-22 (PCT/IB2016/051618)
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[30] US (62/136,935) 2015-03-23
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[54] **PERFUME COMPOSITIONS**
[54] **COMPOSITIONS DE PARFUM**
[72] BEHAN, JOHN MARTIN, GB
[72] BEHAN, JOHN PAUL, GB
[72] FERMOR SMALL, LESLIE EDWARD, GB
[71] JOHNSON & JOHNSON CONSUMER INC., US
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[25] EN
[54] **METHOD FOR DETECTING CAVITATION**
[54] **PROCEDE DE DETECTION DE CAVITATION**
[72] SCHMIDT, HELMUT, DE
[71] VOITH PATENT GMBH, DE
[85] 2017-07-25
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[25] EN
[54] **COMPOSITION FOR TOPICAL APPLICATION IN THE AUDITORY CANAL**
[54] **COMPOSITION POUR UNE APPLICATION TOPIQUE DANS LE CANAL AUDITIF**
[72] ZECCARDO, ERMELINDA, IT
[72] VICINI, CLAUDIO, IT
[72] PANIN, GIORGIO, IT
[71] BIO.LO.GA. S.R.L., IT
[85] 2017-07-25
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[87] (WO2016/124408)
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[25] EN
[54] **4H-PYRROLO[3,2-C]PYRIDIN-4-ONE DERIVATIVES**
[54] **DERIVES DE 4H-PYRROLO[3,2-C]PYRIDIN-4-ONE**
[72] GRAHAM, KEITH, DE
[72] KLAR, ULRICH, DE
[72] BRIEM, HANS, DE
[72] SCHULZE, VOLKER, DE
[72] SIEMEISTER, GERHARD, DE
[72] LIENAU, PHILIP, DE
[72] TEMPEL, RENE, DE
[72] BALINT, JOZSEF, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2017-07-25
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[30] EP (15152944.3) 2015-01-28
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[54] **SUGAR-DIPEPTIDE CONJUGATES AS FLAVOR MOLECULES**
[54] **CONJUGUES SUCRE-DIPEPTIDE UTILISES COMME MOLECULES AROMATIQUES**
[72] SMARRITO-MENOZZI, CANDICE MARIE, CH
[72] VITON, FLORIAN, CH
[72] HOFMANN, THOMAS, DE
[72] KRANZ, MAXIMILIAN, DE
[71] NESTEC S.A., CH
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[25] EN
[54] **SUGAR-DIPEPTIDE CONJUGATES AS FLAVOR MOLECULES**
[54] **CONJUGUES SUCRE-DIPEPTIDE UTILISES COMME MOLECULES AROMATIQUES**
[72] SMARRITO-MENOZZI, CANDICE MARIE, CH
[72] VITON, FLORIAN, CH
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[72] KRANZ, MAXIMILIAN, DE
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[25] EN
[54] **METHOD FOR PRODUCING A MULTILAYER COATING ON A METALLIC SUBSTRATE**
[54] **PROCEDE DE PRODUCTION D'UN REVETEMENT MULTICOUCHE SUR UN SUBSTRAT METALLIQUE**
[72] BAUTISTA MESTER, RAFAEL, DE
[72] DAVIES, PAUL, DE
[72] CORKISH, STEPHEN, GB
[72] BIRCH, STEPHEN, GB
[71] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL
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[54] **PROCEDE DE PREPARATION DE DIOSMINE**
[72] LOPEZ CREMADES, FRANCISCO JAVIER, ES
[71] INTERQUIM, S.A., ES
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[54] **USE OF A MIXTURE OF MODIFIED GLUCOSE POLYMERS FOR REDUCING TUMOR METASTASIS**
[54] **UTILISATION D'UN MELANGE DE POLYMERES MODIFIES DE GLUCOSE POUR REDUIRE UNE METASTASE TUMORALE**
[72] SUNDERMANN, BERND, DE
[72] WALZ, LARS, DE
[72] BAASNER, SILKE, DE
[72] NOCKEN, FRANK, DE
[72] MEYER, CHRISTOPH, DE
[71] FRESENIUS KABI DEUTSCHLAND GMBH, DE
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[54] **RETARGETED HERPESVIRUS WITH A GLYCOPROTEIN H FUSION**
[54] **HERPESVIRUS RECIBLE PRESENTANT UNE FUSION AU NIVEAU DE LA GLYCOPROTEINE H**
[72] CAMPADELLI, MARIA GABRIELLA, IT
[72] GATTA, VALENTINA, IT
[71] ALMA MATER STUDIORUM UNIVERSITA' DI BOLOGNA, IT
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[54] **SYNTHESE DE RHAMNOLIPIDES**
[72] HAAS, THOMAS, DE
[72] BULTER, THOMAS, DE
[72] BUCHHOLZ, STEFAN, DE
[72] BECK, SIMON, DE
[71] EVONIK DEGUSSA GMBH, DE
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[54] **A METHOD AND AN APPARATUS FOR TREATING PLANT BASED RAW MATERIAL WITH AN ENZYMATIC HYDROLYSIS**
[54] **PROCEDE ET APPAREIL POUR LE TRAITEMENT DE MATIERE PREMIERE A BASE DE PLANTE PAR UNE HYDROLYSE ENZYMATIQUE**
[72] TURUNEN, SAMI, FI
[72] TAMPER, JUHA, FI
[71] UPM-KYMMENE CORPORATION, FI
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[25] EN
[54] **A METHOD AND AN APPARATUS FOR INCREASING CONCENTRATION OF SOLUBLE CARBOHYRATE CONTAINING FRACTION, A SOLUBLE CARBOHYRATE CONTAINING FRACTION, A SOLID FRACTION AND THEIR USE**
[54] **PROCEDE ET APPAREIL POUR AUGMENTER LA CONCENTRATION EN FRACTION CONTENANT UN/DES HYDRATE(S) DE CARBONE SOLUBLE(S), FRACTION CONTENANT UN/DES HYDRATE(S) DE CARBONE SOLUBLE(S), FRACTION SOLIDE ET LEUR UTILISATION**
[72] MIETTINEN, MAUNO, FI
[72] TURUNEN, SAMI, FI
[72] TAMPER, JUHA, FI
[71] UPM-KYMMENE CORPORATION, FI
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[25] EN
[54] **MULTI-EPITOPIC CONSTRUCT**
[54] **CONSTRUCTION A EPITOPES MULTIPLES**
[72] KAKKAR, VIJAY, GB
[72] LU, XINJIE, GB
[71] THROMBOSIS RESEARCH INSTITUTE, GB
[85] 2017-07-25
[86] 2016-01-25 (PCT/GB2016/050150)
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[25] FR
[54] **ALCOHOLIC BEVERAGE CONTAINING PARTICLES COMPRISING A CAVIAR-BASED FOODSTUFF**
[54] **BOISSON ALCOOLISEE CONTENANT DES PARTICULES COMPRENANT UN ALIMENT A BASE DE CAVIAR**
[72] LELEU, MARTINE, FR
[72] BARDON, SEBASTIEN, FR
[72] CANI, JULIE, FR
[72] DELMAS, THOMAS, FR
[71] PERNOD RICARD, FR
[85] 2017-07-25
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[25] EN
[54] **HUMAN ANTIBODIES TO EBOLA VIRUS GLYCOPROTEIN**
[54] **ANTICORPS HUMAINS CONTRE LA GLYCOPROTEINE DU VIRUS EBOLA**
[72] KYRATSOUS, CHRISTOS, US
[72] OLSON, WILLIAM, US
[72] MASON, PETER, US
[72] STAHL, NEIL, US
[71] REGENERON PHARMACEUTICALS, INC., US
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[25] EN
[54] **CELLS WITH INCREASED IMMUNO-REGULATORY PROPERTIES AND METHODS FOR THEIR USE AND MANUFACTURE**
[54] **CELLULES A PROPRIETES IMMUNO-REGULATRICES AUGMENTEES ET LEURS PROCEDES D'UTILISATION ET DE FABRICATION**
[72] ROBBINS, DAVID, US
[72] REZNER, BETSY, US
[72] MITCHELL, LEAH, US
[72] GUERRETTAZ, LISA, US
[72] PARONE, PHILIPPE ALESSANDRO, US
[72] TACKE, ROBERT STEVEN, US
[72] LAI, KEVIN, US
[72] VALAMEHR, BAHRAM, US
[71] FATE THERAPEUTICS, INC., US
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[86] 2016-01-26 (PCT/US2016/014942)
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[25] EN
[54] **AGONISTIC ICOS BINDING PROTEINS**
[54] **PROTEINES DE LIAISON AGONISTES D' ICOS**
[72] LIU, YAO-BIN, US
[72] PARMAR, RADHA SHAH, GB
[72] MAYES, PATRICK, US
[72] OLIVE, DANIEL, FR
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[71] INSTITUT JEAN PAOLI & IRENE CALMETTES, FR
[71] UNIVERSITE D'AIX-MARSEILLE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2017-07-25
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[30] US (62/108,605) 2015-01-28
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[25] EN
[54] **ANTI-TRANSTHYRETIN ANTIBODIES**
[54] **ANTICORPS ANTI-TRANSTHYRETINE**
[72] HIGAKI, JEFFREY N., US
[72] CHAKRABARTTY, AVIJIT, CA
[72] NIJJAR, TARLOCHAN S., US
[71] UNIVERSITY HEALTH NETWORK, CA
[71] PROTHENA BIOSCIENCES LIMITED, IE
[85] 2017-07-25
[86] 2016-01-28 (PCT/IB2016/050414)
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[30] US (62/109,001) 2015-01-28
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[25] EN
[54] **ANTI-TRANSTHYRETIN ANTIBODIES**
[54] **ANTICORPS ANTI-TRANSTHYRETINE**
[72] LIU, YUE, US
[72] NIJJAR, TARLOCHAN S., US
[72] CHAKRABARTTY, AVIJIT, CA
[72] HIGAKI, JEFFREY N., US
[71] PROTHENA BIOSCIENCES LIMITED, IE
[71] UNIVERSITY HEALTH NETWORK, CA
[85] 2017-07-25
[86] 2016-01-28 (PCT/IB2016/050415)
[87] (WO2016/120810)
[30] US (62/109,002) 2015-01-28
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[51] **Int.Cl. C01F 7/16 (2006.01) C01F 5/00 (2006.01) C01F 7/00 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING MAGNESIUM ALUMINATE SPINELS**
[54] **PROCEDE DE PRODUCTION DE SPINELLES D'ALUMINATE DE MAGNESIUM**
[72] PEOPLES, BRIAN C., US
[72] HANN, ALLISON L., US
[71] SASOL (USA) CORPORATION, US
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[25] EN
[54] **COMBINED T CELL RECEPTOR GENE THERAPY OF CANCER AGAINST MHC I AND MHC II-RESTRICTED EPITOPES OF THE TUMOR ANTIGEN NY-ESO-1**
[54] **THERAPIE GENIQUE ANTI-CANCEREUSE, UTILISANT LE RECEPTEUR DES LYMPHOCYTES T COMBINE, DIRIGEE CONTRE DES EPITOPES RESTREINTS PAR MHC-I ET MHC-II DE L'ANTIGENE TUMORAL NY-ESO -1**
[72] BLANKENSTEIN, THOMAS, DE
[72] PONCETTE, LUCIA, DE
[72] CHEN, XIAOJING, DE
[71] MAX-DELBRUCK-CENTRUM FUR MOLEKULARE MEDIZIN IN DER HELMHOLTZ-GEMEINSCHAFT, DE
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[25] EN
[54] **A LOW PROFILE TRANSSEPTAL CATHETER AND IMPLANT SYSTEM FOR MINIMALLY INVASIVE VALVE PROCEDURE**
[54] **SYSTEME D'IMPLANT ET DE CATHETER TRANS-SEPTAL A PROFIL BAS POUR UNE INTERVENTION DE VALVULE NON EFFRACTIVE**
[72] KEIDAR, YARON, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2017-07-25
[86] 2016-02-09 (PCT/US2016/017118)
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[25] EN
[54] **SNOW THROWER IMPELLER**
[54] **TURBINE DE SOUFFLEUSE A NEIGE**
[72] SCHAEDLER, AXEL, US
[72] BUCHANAN, PETER, US
[71] MTD PRODUCTS INC, US
[85] 2017-07-25
[86] 2016-01-27 (PCT/US2016/015111)
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[25] EN
[54] **OFFSET CARDIAC LEAFLET COAPTATION ELEMENT**
[54] **ELEMENT DECALE DE COAPTATION DE LAME VALVULAIRE CARDIAQUE**
[72] ZIMMERMAN, NEIL S., US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2017-07-25
[86] 2016-02-10 (PCT/US2016/017393)
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[25] EN
[54] **PYROLYSIS OIL AND METHOD AND PLANT FOR PRODUCING SAME**
[54] **HUILE DE PYROLYSE ET PROCEDE ET SYSTEME DE PRODUCTION D'HUILE DE PYROLYSE**
[72] HORNUNG, ANDREAS, DE
[72] APFELBACHER, ANDREAS, DE
[72] OUADI, MILOUD, DE
[72] NEUMANN, JOHANNES, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[25] EN
[54] **METHOD FOR THE PRODUCTION OF L-SERINE USING GENETICALLY ENGINEERED MICROORGANISMS DEFICIENT IN SERINE DEGRADATION PATHWAYS**
[54] **PROCEDE DE PRODUCTION DE L-SERINE UTILISANT DES MICRO-ORGANISMES GENETIQUEMENT MODIFIES DEFICIENTS DANS LES MECANISMES DE DEGRADATION DE SERINE**
[72] MUNDHADA, HEMANSHU, DK
[72] NIELSEN, ALEX TOFTGAARD, DK
[71] DANMARKS TEKNISKE UNIVERSITET, DK
[85] 2017-07-26
[86] 2016-01-27 (PCT/EP2016/051701)
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[25] EN
[54] **GENETICALLY MODIFIED MICROORGANISMS HAVING IMPROVED TOLERANCE TOWARDS L-SERINE**
[54] **MICRO-ORGANISMES GENETIQUEMENT MODIFIES AYANT UNE TOLERANCE AMELIOREE VIS-A-VIS DE LA L-SERINE**
[72] MUNDHADA, HEMANSHU, DK
[72] NIELSEN, ALEX TOFTGAARD, DK
[71] DANMARKS TEKNISKE UNIVERSITET, DK
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[25] EN
[54] **COMPUTER-IMPLEMENTED METHOD FOR CREATING A FERMENTATION MODEL**
[54] **PROCEDE IMPLEMENTE SUR ORDINATEUR POUR ETABLIR UN MODELE DE FERMENTATION**
[72] NEYMANN, TOBIAS, DE
[72] HEBING, LUKAS, DE
[72] ENGELL, SEBASTIAN, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2017-07-26
[86] 2016-01-28 (PCT/EP2016/051753)
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[25] EN
[54] **COMPOSITION FOR A WOUND DRESSING**
[54] **COMPOSITION POUR PANSEMENT**
[72] HOGGARTH, ANDREW, GB
[72] HARDY, CRAIG, GB
[71] MEDTRADE PRODUCTS LIMITED, GB
[85] 2017-07-26
[86] 2016-01-27 (PCT/GB2016/050179)
[87] (WO2016/120621)
[30] GB (1501333.7) 2015-01-27

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[54] **COMPOSITION FOR A WOUND DRESSING**
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[72] HARDY, CRAIG, GB
[71] MEDTRADE PRODUCTS LIMITED, GB
[85] 2017-07-26
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[25] FR
[54] **METHOD FOR MONITORING AND CONTROLLING A TWIN-SCREW EXTRUDER, AND TWIN-SCREW EXTRUDER**
[54] **PROCEDE DE CONTROLE-COMMANDE D'UNE MACHINE D'EXTRUSION BI-VIS, AINSI QUE MACHINE D'EXTRUSION BI-VIS**
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[72] JAROUSSE, THIERRY, FR
[71] CLEXTRAL, FR
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[54] **MEANS AND METHODS FOR MINIMIZING SWEPT AND DEAD VOLUMES IN CHROMATOGRAPHIC APPLICATIONS**
[54] **MOYEN ET PROCEDES DE REDUCTION AU MINIMUM DE VOLUME BALAYE ET DE VOLUME MORT DANS DES APPLICATIONS CHROMATOGRAPHIQUES**
[72] KULAK, NILS, DE
[72] MANN, MATTHIAS, DE
[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE
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[54] **ANTIBODY MOLECULES AND PEPTIDE DELIVERY SYSTEMS FOR USE IN ALZHEIMER'S DISEASE AND RELATED DISORDERS**
[54] **MOLECULES D'ANTICORPS ET SYSTEMES D'ADMINISTRATION PEPTIDIQUES DESTINES A ETRE UTILISES DANS LA MALADIE D'ALZHEIMER ET AUTRES TROUBLES APPARENTES**
[72] VOLKER CORTE-REAL, SOFIA, PT
[72] SANTOS NEVES, VERA LUISA, PT
[72] CORREIA CANHAO, PEDRO MANUEL, PT
[72] FLEMING OUTEIRO, TIAGO, PT
[72] RICO BOTAS CASTANHO, MIGUEL AUGUSTO, PT
[72] CASTANHEIRA AIRES DA SILVA, FREDERICO NUNO, PT
[72] SANTIAGO DE OLIVEIRA, SORAIA RAFAELA, PT
[71] TECHNOPHAGE, INVESTIGACAO E DESENVOLVIMENTO EM BIOTECNOLOGIA, SA, PT
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[54] **SINGLE DOMAIN ANTIBODIES TARGETING CD1D**
[54] **ANTICORPS A DOMAINE UNIQUE CIBLANT CD1D**
[72] VAN DER VLIET, JOHANNES JELLE, NL
[72] DE GRUIJL, TANJA DENISE, NL
[72] VERHEUL, HENDRIK MARINUS WILLEM, NL
[72] DE BRUIN, RENEE CORNELIA GERARDA, NL
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[71] LAVA THERAPEUTICS B.V., NL
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[54] **EMULSION D'HUILE-DANS-L'EAU AEREE HAUTEMENT STABLE**
[72] HESLER, MICHAEL, US
[72] ZHANG, WENDY, US
[71] CSM BAKERY SOLUTIONS EUROPE HOLDING B.V., NL
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[54] **CORE AND SHELL KIBBLE-LIKE PRODUCT**
[54] **PRODUIT DE TYPE CROQUETTE COMPRENANT UN C□UR ET UNE ECORCE**
[72] SLUSARCZYK, PETER, US
[72] CONYER, SJON-PAUL, US
[72] PORTER, DAVID, US
[72] HARPER, NIGEL, US
[72] BUFF, PRESTON, US
[72] GUMUDAVELLI, VINOD, US
[72] TURNER, WALTER, US
[72] CHAPPELET, LAURIE, US
[71] MARS, INCORPORATED, US
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[54] **DISPOSITIF DE NOTIFICATION**
[72] HAN, GUO LIANG, CN
[72] LIN, SHAO CHEN, CN
[72] REN, LI, CN
[71] SIEMENS SCHWEIZ AG, CH
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[54] **METHOD FOR PRODUCING AN INJECTION-MOLDED PRODUCT, CORRESPONDING INJECTION-MOLDED PRODUCT AND USE OF ESPECIALLY PREPARED SUNFLOWER HULL FIBERS AS AN ADDITIVE**
[54] **PROCEDE DE FABRICATION D'UN PRODUIT MOULE PAR INJECTION, PRODUIT MOULE PAR INJECTION CORRESPONDANT, ET UTILISATION EN TANT QU'ADDITIFS DE FIBRES DE COQUES DE TOURNESOL PREPAREES SPECIALEMENT**
[72] MEYER, ULRICH, DE
[72] MEYER, SEBASTIAN, DE
[72] TRUMME, REINHARD, DE
[71] SPC SUNFLOWER PLASTIC COMPOUND GMBH, DE
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[54] **METHOD FOR CONDITIONING FERTILIZER GRANULES**
[54] **PROCEDE DE CONDITIONNEMENT D'ENGRAIS EN GRANULES**
[72] GUNTER, HARALD, DE
[72] HORBERT, FABIAN, DE
[71] MASCHINENFABRIK KOPPERN GMBH & CO. KG, DE
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[54] **METHOD AND DEVICE FOR DECODING A COLOR PICTURE**
[54] **PROCEDE ET DISPOSITIF DE DECODAGE D'UNE IMAGE COULEUR**
[72] LASSERRE, SEBASTIEN, FR
[72] LELEANNEC, FABRICE, FR
[72] OLIVIER, YANNICK, FR
[71] THOMSON LICENSING, FR
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[54] **COMPOUNDS AND COMPOSITIONS FOR IMPROVING POWER OUTPUT AND OXYGEN EFFICIENCY**
[54] **COMPOSES ET COMPOSITIONS DESTINEES A L'AMELIORATION DE LA PUISSANCE DEVELOPPEE ET DU RENDEMENT DE LA CONSOMMATION D'OXYGENE**
[72] VAN DER SAAG, ANTONIE JOHANNES, NL
[72] POSSEMIERS, SAM, NL
[71] BIOACTOR BV, NL
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[25] EN
[54] **1-(HET)ARYLSULFONYL-(PYRROLIDINE OR PIPERIDINE)-2-CARBOXAMIDE DERIVATIVES AND THEIR USE AS TRPA1 ANTAGONISTS**
[54] **DERIVES DE 1-(HET)ARYLSULFONYLE-(PYRROLIDINE OU PIPERIDINE)-2-CARBOXAMIDE ET LEUR UTILISATION COMME ANTAGONISTES DE TRPA1**
[72] ESTRADA, ANTHONY, US
[72] VOLGRAF, MATTHEW, US
[72] CHEN, HUIFEN, US
[72] KOLESNIKOV, ALEKSANDR, US
[72] VILLEMURE, ELISIA, US
[72] VERMA, VISHAL, US
[72] WANG, LAN, US
[72] SHORE, DANIEL, US
[72] DO, STEVEN, US
[72] YUEN, PO-WAI, CN
[72] HU, BAIHUA, CN
[72] WU, GUOSHENG, CN
[72] LIN, XINGYU, CN
[72] LU, AIJUN, CN
[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] **ANTIMICROBIAL FIBERS AND COMPOSITIONS**
[54] **COMPOSITIONS ET FIBRES ANTIMICROBIENNES**
[72] PATTON, THOMAS, IE
[72] BRENNAN, JAMES, IE
[72] STAPLES, IAN, GB
[72] ELDER, IAIN, GB
[72] CALLAGHAN, ANNETTE, GB
[72] DRYDEN, MATTHEW, GB
[72] BARRETT, JOHN REGINALD, IE
[72] KERSHAW, DAVID, GB
[72] SALIB, RAMI, GB
[71] MATOKE HOLDINGS LIMITED, GB
[85] 2017-07-27
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[30] GB (1501805.4) 2015-02-03
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[25] EN
[54] **USE OF A COMBINATION OF TAURINE OR A DERIVATIVE THEREOF, BIOTIN AND GRAPE EXTRACT FOR COMBATING FINE HAIR**
[54] **UTILISATION D'UNE ASSOCIATION DE TAURINE OU D'UN DERIVE DE CELLE-CI, DE BIOTINE ET D'EXTRAIT DE RAISIN POUR LUTTER CONTRE LES CHEVEUX FINS**
[72] PICCARDI, NATHALIE, FR
[71] NUTRICOS TECHNOLOGIES, FR
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[54] **SKELETAL STABILIZATION LINER SYSTEM**
[54] **SYSTEME SERVANT DE MANCHON DE STABILISATION DU SQUELETTE**
[72] ALLEY, RANDALL, US
[71] ALLEY, RANDALL, US
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[54] **PET FOOD FEEDING SYSTEM**
[54] **SYSTEME D'ALIMENTATION POUR ANIMAUX DE COMPAGNIE**
[72] DUCLOS, LAURA, US
[72] MITSUHASHI, YUKA, US
[71] MARS, INCORPORATED, US
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[54] **INTERLOCKING KIBBLE**
[54] **CROQUETTES IMBRIQUEES**
[72] DUCLOS, LAURA, US
[72] EATON, KEVIN, US
[71] MARS, INCORPORATED, US
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[25] EN
[54] **DEHYDROGENASE-CATALYSED PRODUCTION OF FDCA**
[54] **PRODUCTION DE FDCA CATALYSEE PAR DESHYDROGENASE**
[72] RUIJSSENAARS, HARALD JOHAN, NL
[71] PURAC BIOCHEM B.V., NL
[85] 2017-07-27
[86] 2016-02-17 (PCT/NL2016/050108)
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[25] EN
[54] **OIL BLENDS, PROCESSES FOR THE PREPARATION THEREOF AND THEIR USE IN FORMULAS**
[54] **MELANGES D'HUILES, PROCEDES DE PREPARATION DE CEUX-CI ET LEUR UTILISATION DANS DES FORMULES**
[72] WIDBERG, ASHER, IL
[72] NUMA, RAN, IL
[72] BAR-YOSEPH, FABIANA, IL
[72] ZUABI, RASSAN, IL
[72] HERZOG, YAEL, IL
[72] BEN-DROR, GAI, IL
[71] ENZYMOTEC LTD., IL
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[25] EN
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[54] **PRODUCTION DE POPULATIONS CELLULAIRES ENDOTHELIALES ARTERIELLES**
[72] THOMSON, JAMES A., US
[72] ZHANG, JUE, US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR ACCELERATED TRAIT INTROGRESSION**
[54] **PROCEDES ET COMPOSITIONS PERMETTANT D'ACCELERER L'INTROGRESSION DE CARACTERES**
[72] ELSING, MICHAEL T., US
[72] GORDON-KAMM, WILLIAM JAMES, US
[72] PERUGINI, LEANDRO DANIEL, US
[72] YE, HUAXUN, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
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[25] EN
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[54] **SYSTEME D'AVERTISSEMENT DE DEPLETION DE FLUIDE POUR DES APPLICATIONS CHIRURGICALES DE PHACO-EMULSIFICATION**
[72] MALLOUGH, MITCHELL W., US
[72] HAJISHAH, ABRAHAM, US
[71] ABBOTT MEDICAL OPTICS INC., US
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[25] EN
[54] **RNA CONTAINING COMPOSITION FOR TREATMENT OF TUMOR DISEASES**
[54] **COMPOSITION CONTENANT DE L'ARN POUR LE TRAITEMENT DE MALADIES TUMORALES**
[72] FOTIN-MLECZEK, MARIOLA, DE
[72] KOWALCZYK, ALEKSANDRA, DE
[72] HEIDENREICH, REGINA, DE
[72] BAUMHOF, PATRICK, DE
[72] PROBST, JOCHEN, DE
[72] KALLEN, KARL-JOSEF, DE
[71] CUREVAC AG, DE
[85] 2017-07-28
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[25] EN
[54] **PROCESS AND PLANT FOR THE PURIFICATION OF RAW GASES BY MEANS OF PHYSICAL GAS SCRUBBING**
[54] **PROCEDE ET INSTALLATION POUR LA PURIFICATION DE GAZ BRUTS AU MOYEN D'UN LAVAGE PHYSIQUE DE GAZ**
[72] CHAUBET, LUCIE, DE
[72] WAGNER, MARC, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2017-07-28
[86] 2016-01-19 (PCT/EP2016/025002)
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[25] EN
[54] **TEXTURED SURFACES FOR BREAST IMPLANTS**
[54] **SURFACES TEXTUREES POUR IMPLANTS MAMMAIRES**
[72] BAYAT, ARDESHIR, GB
[72] HILL, ERNIE, GB
[72] KYLE, DANIEL, GB
[72] OIKONOMOU, ANTONIOS, GB
[71] THE UNIVERSITY OF MANCHESTER, GB
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[25] EN
[54] **C-3 NOVEL TRITERPENONE WITH C-28 REVERSE AMIDE DERIVATIVES AS HIV INHIBITORS**
[54] **NOUVEAU TRITERPENONE EN C-3 AVEC DES DERIVES D'AMIDE INVERSE EN C-28 EN TANT QU'INHIBITEURS DU VIH**
[72] PARTHASARADHI REDDY, BANDI, IN
[72] DAVID KRUPADANAM, GAZULA LEVI, IN
[72] PANDURANGA REDDY, ADULLA, IN
[72] BHASKAR REDDY, KASIREDDY, IN
[72] VL SUBRAHMANYAM, LANKA, IN
[72] RATHNAKAR REDDY, KURA, IN
[71] HETERO LABS LIMITED, IN
[85] 2017-07-28
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[30] IN (623/CHR/2015) 2015-02-09

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[25] EN
[54] **NOVEL EGFR BINDING PROTEINS**
[54] **NOUVELLES PROTEINES DE LIAISON D'EGFR**
[72] BOSSE-DOENECKE, EVA, DE
[72] SETTELE, FLORIAN, DE
[72] FIEDLER, ERIK, DE
[72] HAUPTS, ULRICH, DE
[71] NAVIGO PROTEINS GMBH, DE
[85] 2017-07-28
[86] 2016-02-04 (PCT/EP2016/052408)
[87] (WO2016/124702)
[30] EP (15154159.6) 2015-02-06

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[25] EN
[54] **NOVEL PROMOTER AND USES THEREOF**
[54] **NOUVEAU PROMOTEUR ET UTILISATIONS DE CELUI-CI**
[72] LEE, SEUNG BIN, KR
[72] BAE, HYUN AE, KR
[72] LEE, JI HYE, KR
[72] YANG, YOUNG LYEOL, KR
[71] CJ CHEILJEDANG CORP., KR
[85] 2017-07-28
[86] 2016-01-15 (PCT/KR2016/000444)
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[30] KR (10-2015-0014587) 2015-01-29

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[51] **Int.Cl. C07K 19/00 (2006.01) C12N 5/0783 (2010.01) A61K 38/17 (2006.01) C07K 14/705 (2006.01) C07K 16/00 (2006.01) C07K 16/30 (2006.01) C12N 5/10 (2006.01)**
[25] EN
[54] **CHIMERIC ANTIGEN RECEPTORS, COMPOSITIONS, AND METHODS**
[54] **RECEPTEURS D'ANTIGENE CHIMERE, COMPOSITIONS, ET PROCEDES**
[72] KAUFMAN, DAN SAMUEL, US
[72] LAMPI HERMANSON, DAVID LEE, US
[72] MORIARITY, BRANDEN SCOTT, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2017-07-28
[86] 2016-01-28 (PCT/US2016/015351)
[87] (WO2016/123333)
[30] US (62/109,281) 2015-01-29

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[25] EN
[54] **METHOD FOR AEROGEL PRODUCTION AND AN AEROGEL COMPOSITE MATERIAL**
[54] **PROCEDE DE FABRICATION D'AEROGEL ET MATERIAU COMPOSITE A BASE D'AEROGEL**
[72] HUBER, LUKAS, CH
[72] KYM-MIJUSKOVIC, IVO, CH
[71] FLUMROC AG, CH
[85] 2017-07-31
[86] 2016-02-04 (PCT/CH2016/000024)
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[25] EN
[54] **RECOMBINANT ADENO-ASSOCIATED VIRUS PARTICLE PURIFICATION WITH MULTIPLE-STEP ANION EXCHANGE CHROMATOGRAPHY**
[54] **PURIFICATION DE PARTICULES DE VIRUS ADENO-ASSOCIE RECOMBINANT PAR CHROMATOGRAPHIE ECHANGEUSE D'ANIONS EN PLUSIEURS ETAPES**
[72] BRUMENT, NICOLE, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] UNIVERSITE DE NANTES, FR
[71] CHU NANTES, FR
[71] ASSOCIATION FRANCAISE CONTRE LES MYOPATHIES, FR
[85] 2017-07-31
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[51] **Int.Cl. G10L 19/008 (2013.01) G10L 19/16 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PROCESSING AN ENCODED AUDIO SIGNAL**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT DE SIGNAL AUDIO CODE**
[72] MURTAZA, ADRIAN, RO
[72] PAULUS, JOUNI, DE
[72] FUCHS, HARALD, DE
[72] CAMILLERI, ROBERTA, DE
[72] TERENTIV, LEON, DE
[72] DISCH, SASCHA, DE
[72] HERRE, JURGEN, DE
[72] HELLMUTH, OLIVER, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2017-07-31
[86] 2016-02-01 (PCT/EP2016/052037)
[87] (WO2016/124524)
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[25] EN
[54] **IMMUNOTHERAPEUTIC VACCINE AND ANTIBODY COMBINATION THERAPY**
[54] **VACCIN IMMUNOTHERAPEUTIQUE ET THERAPIE COMBINEE A BASE D'ANTICORPS**
[72] SLOS, PHILIPPE, FR
[72] HORTELANO, JULIE, FR
[72] RITTNER, KAROLA, FR
[72] PREVILLE, XAVIER, FR
[71] TRANSGENE SA, FR
[85] 2017-07-31
[86] 2016-02-12 (PCT/EP2016/052991)
[87] (WO2016/128542)
[30] EP (15305215.4) 2015-02-13
[30] EP (15305570.2) 2015-04-16

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[13] A1
[51] **Int.Cl. A61K 38/24 (2006.01) A61P 5/24 (2006.01)**
[25] EN
[54] **COMPOSITION FOR TREATMENT OF INFERTILITY**
[54] **COMPOSITION POUR LE TRAITEMENT DE L'INFERTILITE**
[72] ARCE SAEZ, JOAN CARLOS, DK
[72] HELMGAARD, LISBETH, DK
[72] KLEIN, BJARKE MIRNER, DK
[71] FERRING B.V., NL
[85] 2017-07-31
[86] 2016-04-15 (PCT/EP2016/058358)
[87] (WO2016/166288)
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[51] **Int.Cl. C12N 15/16 (2006.01) C07K 14/59 (2006.01) C12N 5/10 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCTION OF GONADOTROPHIN**
[54] **PROCEDE DE PRODUCTION DE GONADOTROPHINE**
[72] PLAKSIN, DANIEL, NL
[72] GRINHUT, AYELET, NL
[71] FERRING B.V., NL
[85] 2017-07-31
[86] 2016-04-22 (PCT/EP2016/059006)
[87] (WO2016/170113)
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[51] **Int.Cl. A61L 15/44 (2006.01) A61L 15/42 (2006.01) A61L 15/54 (2006.01) A61L 26/00 (2006.01)**
[25] EN
[54] **HEMOSTATIC COMPOSITION AND HEMOSTATIC DEVICE (VARIANTS)**
[54] **COMPOSITION HEMOSTATIQUE ET DISPOSITIF HEMOSTATIQUE (ET VARIANTES)**
[72] MANORYK, PETRO ANDRIYOVYCH, UA
[72] MAZEVYCH, VADYM BORYSOVYCH, UA
[72] TSURUPA, IGOR SERGIYOVYCH, UA
[72] GAIOVYCH, IHOR VOLODYMYROVYCH, UA
[72] SOTNIK, SVITLANA OLEKSANDRIVNA, UA
[72] GRANICH, VOLODIMIR MYKOLAYOVYCH, UA
[72] KYSHENIA, IAROSLAV VIKTOROVYCH, UA
[71] MANORYK, PETRO ANDRIYOVYCH, UA
[71] MAZEVYCH, VADYM BORYSOVYCH, UA
[71] TSURUPA, IGOR SERGIYOVYCH, UA
[71] GAIOVYCH, IHOR VOLODYMYROVYCH, UA
[71] SOTNIK, SVITLANA OLEKSANDRIVNA, UA
[71] GRANICH, VOLODIMIR MYKOLAYOVYCH, UA
[71] KYSHENIA, IAROSLAV VIKTOROVYCH, UA
[85] 2017-07-31
[86] 2016-02-15 (PCT/UA2016/000019)
[87] (WO2016/133483)
[30] UA (a 2015 01285) 2015-02-16
[30] UA (u 2015 01288) 2015-02-16

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[25] EN
[54] **TAU ANTISENSE OLIGOMERS AND USES THEREOF**
[54] **OLIGOMERES ANTISENS DE LA PROTEINE TAU ET LEURS UTILISATIONS**
[72] OLSON, RICHARD E., US
[72] CACACE, ANGELA M., US
[72] HAGEDORN, PETER, DK
[72] HOG, ANJA MOLHART, DK
[72] JENSEN, MARIANNE LERBECH, DK
[72] NIELSEN, NIELS FISKER, DK
[72] LI, DONG, US
[72] BROWN, JEFFREY M., US
[72] MERCER, STEPHEN E., US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2017-07-31
[86] 2016-02-04 (PCT/US2016/016646)
[87] (WO2016/126995)
[30] US (62/112,058) 2015-02-04
[30] US (62/156,684) 2015-05-04
[30] US (62/237,922) 2015-10-06
[30] US (62/238,941) 2015-10-08
[30] US (62/279,612) 2016-01-15
[30] US (62/279,614) 2016-01-15
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[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/07 (2013.01) A61F 2/90 (2013.01)**
[25] FR
[54] **LUMINAL ENDOPROSTHESIS**
[54] **ENDOPROTHESE LUMINALE**
[72] DESPALLE DE BEARN, OLIVIER, BE
[71] DESPALLE DE BEARN, OLIVIER, BE
[85] 2017-08-01
[86] 2015-02-04 (PCT/EP2015/052305)
[87] (WO2016/124235)

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[13] A1
[51] **Int.Cl. G08G 1/14 (2006.01) G08G 1/0968 (2006.01)**
[25] EN
[54] **TRAFFIC MONITORING SYSTEM FOR MONITORING A TRAFFIC AREA**
[54] **SYSTEME DE SURVEILLANCE DE LA CIRCULATION ROUTIERE POUR LA SURVEILLANCE D'UNE AIRE DE CIRCULATION ROUTIERE**
[72] ZWICK, MARCUS, DE
[72] HETZ, JULIA, DE
[72] JELL, THOMAS, DE
[72] REUTER, UWE, DE
[72] POPRAWA, FLORIAN, DE
[72] WISCHEROPP, DIRK, DE
[72] ZOEKE, DOMINIK, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2017-08-01
[86] 2016-01-28 (PCT/EP2016/051798)
[87] (WO2016/124476)
[30] DE (10 2015 201 810.5) 2015-02-03

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/107 (2006.01) A61P 27/00 (2006.01)**
[25] EN
[54] **POLYAPHRONS AND PALPEBRAL ADMINISTRATION THEREOF**
[54] **POLYAPHRONS ET LEUR ADMINISTRATION PALPEBRALE**
[72] SCHMITT, MATHIEU, FR
[72] KIDO, KAZUTAKA, JP
[72] INAGAKI, KOJI, JP
[72] BOUTTAZ, ADELINE, FR
[71] SANTEN PHARMACEUTICAL CO., LTD, JP
[71] SANTEN SAS, FR
[85] 2017-08-01
[86] 2016-02-02 (PCT/EP2016/052188)
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[30] US (62/110,740) 2015-02-02

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[13] A1
[51] **Int.Cl. C12N 15/13 (2006.01) A61K 39/395 (2006.01) A61P 25/28 (2006.01) C07K 16/18 (2006.01) C12N 5/10 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **ANTIBODIES TO TAU AND USES THEREOF**
[54] **ANTICORPS ANTI-TAU ET LEURS UTILISATIONS**
[72] ALVARADO, ALBERTO, US
[72] DRIVER, DAVID, US
[72] HAYASHI, MANSUO LU, US
[72] LU, JIRONG, US
[71] ELI LILLY AND COMPANY, US
[85] 2017-07-31
[86] 2016-02-18 (PCT/US2016/018419)
[87] (WO2016/137811)
[30] US (62/121,116) 2015-02-26

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[51] **Int.Cl. A61K 35/741 (2015.01) A61K 35/747 (2015.01) A23L 33/135 (2016.01) A61P 3/10 (2006.01) A61P 13/12 (2006.01) A61P 25/18 (2006.01) A61P 25/24 (2006.01)**
[25] EN
[54] **PROBIOTIC COMPOSITION AT LEAST COMPRISING BIFIDOBACTERIUM BIFIDUM W23 AND CAPABLE OF CONTROLLING INTESTINAL BARRIER FUNCTION**
[54] **COMPOSITION PROBIOTIQUE COMPRENANT AU MOINS BIFIDOBACTERIUM BIFIDUM W23 ET POUVANT CONTROLER LA FONCTION BARRIERE INTESTINALE**
[72] VAN HEMERT, SASKIA, NL
[71] WINCLOVE HOLDING B.V., NL
[85] 2017-07-31
[86] 2016-02-03 (PCT/EP2016/052285)
[87] (WO2016/124642)
[30] EP (15153724.8) 2015-02-03

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[13] A1
[51] **Int.Cl. C12N 15/864 (2006.01) A61K 48/00 (2006.01) C12N 7/01 (2006.01) C12N 7/02 (2006.01) C12N 9/16 (2006.01) C12N 15/55 (2006.01)**
[25] EN
[54] **RECOMBINANT ADENO-ASSOCIATED VIRUS PARTICLE PURIFICATION COMPRISING AN AFFINITY PURIFICATION STEP**
[54] **PURIFICATION DE PARTICULES DE VIRUS ADENO-ASSOCIE RECOMBINANT COMPRENANT UNE ETAPE DE PURIFICATION PAR AFFINITE**
[72] BRUMENT, NICOLE, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] UNIVERSITE DE NANTES, FR
[71] CHU NANTES, FR
[71] ASSOCIATION FRANCAISE CONTRE LES MYOPATHIES, FR
[85] 2017-08-01
[86] 2016-02-09 (PCT/EP2016/052740)
[87] (WO2016/128408)
[30] EP (EP15305188) 2015-02-09

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[13] A1
[51] **Int.Cl. C07D 405/12 (2006.01)**
[25] EN
[54] **A NEW QUINOLINE DERIVATIVE FOR USE IN THE TREATMENT AND PREVENTION OF VIRAL INFECTIONS**
[54] **NOUVEAU DERIVE DE QUINOLEINE DESTINE A ETRE UTILISE DANS LE TRAITEMENT ET LA PREVENTION DES INFECTIONS VIRALES**
[72] SCHERRER, DIDIER, FR
[72] GARCEL, AUDE, FR
[72] CAMPOS, NOELIE, FR
[72] TAZI, JAMAL, FR
[72] VAUTRIN, AUDREY, FR
[72] MAHUTEAU, FLORENCE, FR
[72] NAJMAN, ROMAIN, FR
[72] FORNARELLI, PAULINE, FR
[71] UNIVERSITE DE MONTPELLIER, FR
[71] ABIVAX, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] INSTITUT CURIE, FR
[85] 2017-08-01
[86] 2016-02-19 (PCT/EP2016/053532)
[87] (WO2016/135052)
[30] EP (15305274.1) 2015-02-23

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[51] **Int.Cl. C07D 487/04 (2006.01) A01N 43/90 (2006.01)**
[25] EN
[54] **TRIAZOLOTRIAZINONE DERIVATIVES HAVING ACTIVITY AS HERBICIDES**
[54] **DERIVES DE TRIAZOLOTRIAZINONE PRESENTANT UNE ACTIVITE EN TANT QU'HERBICIDES**
[72] MITCHELL, GLYNN, GB
[72] CURLEY, LINDA HAZEL, GB
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2017-08-01
[86] 2016-02-24 (PCT/EP2016/053869)
[87] (WO2016/135196)
[30] GB (1503365.7) 2015-02-27
[30] GB (1504749.1) 2015-03-20

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[13] A1
[51] **Int.Cl. A61F 5/01 (2006.01) A61F 5/14 (2006.01)**
[25] EN
[54] **SUPPORT APPARATUS WITH ADJUSTABLE STIFFNESS**
[54] **APPAREIL DE SUPPORT A RIGIDITE REGLABLE**
[72] PALLARI, JARI, GB
[72] COOK, STEPHEN JAMES, GB
[71] PEACOCKS ORTHOTICS LIMITED, GB
[85] 2017-07-31
[86] 2016-02-11 (PCT/EP2016/052928)
[87] (WO2016/131706)
[30] EP (15155760.0) 2015-02-19
[30] GB (1502798.0) 2015-02-19

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[13] A1
[51] **Int.Cl. A61K 38/17 (2006.01) A61K 9/16 (2006.01) A61K 35/74 (2015.01) A61K 39/02 (2006.01) A61P 17/00 (2006.01)**
[25] EN
[54] **RECOMBINANT PROBIOTIC BACTERIA**
[54] **BACTERIES PROBIOTIQUES DE RECOMBINAISON**
[72] WIRTH, THOMAS, FI
[72] YRJANHEIKKI, JUHA, FI
[72] SAMARANAYAKE, HARITHA, FI
[72] WEBER, DIRK, CH
[72] MIERAU, IGOR, NL
[72] BRON, PETER ALLARD, NL
[72] BACHMANN, HERWIG, NL
[71] AUREALIS OY, FI
[85] 2017-08-02
[86] 2015-11-02 (PCT/EP2015/075484)
[87] (WO2016/124266)
[30] EP (PCT/EP2015/052345) 2015-02-04

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[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 9/00 (2006.01)**
[25] EN
[54] **SUBSTITUTED PYRAZOLO[1,5-A]-PYRIDINE-3-CARBOXAMIDES AND USE THEREOF**
[54] **PYRAZOLO[1,5-A]PYRIDINE-3-CARBOXAMIDES SUBSTITUES ET LEUR UTILISATION**
[72] VAKALOPOULOS, ALEXANDROS, DE
[72] BROCKSCHNIEDER, DAMIAN, DE
[72] WUNDER, FRANK, DE
[72] STASCH, JOHANNES-PETER, DE
[72] MARQUARDT, TOBIAS, DE
[72] DIETZ, LISA, DE
[72] LI, VOLKHART MIN-JIAN, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2017-08-02
[86] 2016-02-02 (PCT/EP2016/052126)
[87] (WO2016/124565)
[30] EP (15153958.2) 2015-02-05

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[13] A1
[51] **Int.Cl. B29C 45/16 (2006.01) B29C 45/42 (2006.01) B29C 45/76 (2006.01)**
[25] EN
[54] **INJECTION MOLDING DEVICE FOR THE PRODUCTION OF PLASTIC PARTS**
[54] **DISPOSITIF DE MOULAGE PAR INJECTION POUR PRODUIRE DES PIECES EN MATIERE PLASTIQUE**
[72] ARMBRUSTER, RAINER, DE
[71] FOBOHA (GERMANY) GMBH, DE
[85] 2017-08-02
[86] 2016-01-20 (PCT/EP2016/051048)
[87] (WO2016/124396)
[30] CH (00150/15) 2015-02-05

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[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/4155 (2006.01) A61K 31/4178 (2006.01) A61K 31/4192 (2006.01) A61K 31/4196 (2006.01) A61K 31/427 (2006.01) A61K 31/439 (2006.01) A61K 31/496 (2006.01) A61K 31/5377 (2006.01) A61P 35/00 (2006.01) C07D 413/10 (2006.01) C07D 417/10 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **COMPOUNDS WITH ANTI-TUMORAL ACTIVITY**
[54] **COMPOSES A ACTIVITE ANTI-TUMORALE**
[72] MOUSSY, ALAIN, FR
[72] BENJAHAD, ABDELLAH, FR
[72] PEZ, DIDIER, FR
[72] SANDRINELLI, FRANCK, FR
[72] MARTIN, JASON, FR
[72] PICOUL, WILLY, FR
[72] CHEVENIER, EMMANUEL, FR
[71] AB SCIENCE, FR
[85] 2017-08-02
[86] 2016-02-05 (PCT/EP2016/052523)
[87] (WO2016/124747)
[30] EP (15154028.3) 2015-02-05

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[51] **Int.Cl. H04R 17/00 (2006.01) A61N 1/05 (2006.01) A61N 1/36 (2006.01) H04R 25/00 (2006.01)**
[25] EN
[54] **ELECTRO-ACOUSTIC IMPLANT**
[54] **IMPLANT ELECTROACOUSTIQUE**
[72] SCHACHTELE, JONATHAN, DE
[72] KALTENBACHER, DOMINIK, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2017-08-02
[86] 2016-01-27 (PCT/EP2016/051713)
[87] (WO2016/124465)
[30] DE (10 2015 101 482.3) 2015-02-02

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[13] A1
[51] **Int.Cl. D21C 1/02 (2006.01) D21C 9/18 (2006.01)**
[25] EN
[54] **PRETREATMENT PROCESS OF A LIGNO-CELLULOSIC FEEDSTOCK**
[54] **PROCEDE DE PRETRAITEMENT DE MATIERE PREMIERE LIGNOCELLULOSIQUE**
[72] GHISOLFI, GUIDO (DECEASED), IT
[72] BONALDI, ETTORE, CH
[71] BETA RENEWABLES S.P.A., IT
[85] 2017-08-02
[86] 2016-01-28 (PCT/EP2016/051775)
[87] (WO2016/128221)
[30] EP (15425010.4) 2015-02-09

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[54] **TISSU INDUSTRIEL, PROCEDE DE FABRICATION D'UN NON-TISSE ET UTILISATION D'UN TISSU INDUSTRIEL**
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[72] DEBYSER, PASCAL, BE
[72] MONNERIE, JEAN-LOUIS, FR
[71] ASTENJOHNSON PGMBH, BE
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[54] **NOVEL VOLTAGE-DEPENDENT ION CHANNEL FUSIONS AND METHOD OF USE THEREOF**
[54] **NOUVEAUX HYBRIDES DE CANAUX IONIQUES DEPENDANT DE LA TENSION ET PROCEDE D'UTILISATION DE CEUX-CI**
[72] PERCHERANCIER, YANN, FR
[72] RUIGROK, HERMANUS, FR
[72] VEYRET, BERNARD, FR
[71] UNIVERSITE DE BORDEAUX, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **FORME PHARMACEUTIQUE INVIOLABLE COMPRENANT UN COPOLYMERE GREFFE PAR POLYETHYLENE GLYCOL**
[72] BARNSCHEID, LUTZ, DE
[71] GRUNENTHAL GMBH, DE
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[54] **MOLECULES DE LIAISON DIRIGEES CONTRE L'HEMAGGLUTININE DE LA GRIPPE ET LEURS UTILISATIONS**
[72] BRANDENBURG, BOERRIES, NL
[72] VOGELS, RONALD, NL
[72] KOLKMAN, JOOST A., NL
[72] FRIESEN, ROBERT HEINZ EDWARD, NL
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[54] **PROCEDE ET DISPOSITIF POUR LA FABRICATION D'UNE PREFORME**
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[71] WOBBEN PROPERTIES GMBH, DE
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[54] **DERIVES D'HETEROCYCLES BICYCLIQUES CONDENSES SUBSTITUES PAR 2 (HET) ARYLE UTILISES COMME AGENTS DE LUTTE CONTRE LES INSECTES ET LES ANIMAUX NUISIBLES**
[72] FISCHER, RUDIGER, DE
[72] WILCKE, DAVID, DE
[72] ILG, KERSTIN, DE
[72] PORTZ, DANIELA, DE
[72] GORGENS, ULRICH, DE
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[54] **TRISPECIFIC BINDING MOLECULES FOR TREATING HBV INFECTION AND ASSOCIATED CONDITIONS**
[54] **MOLECULES DE LIAISON TRISPECIFIQUES POUR LE TRAITEMENT D'UNE INFECTION PAR LE VHB ET D'ETATS PATHOLOGIQUES ASSOCIES**
[72] PROTZER, ULRIKE, DE
[72] BOHNE, FELIX, DE
[72] QUITT, OLIVER, DE
[72] MOMBURG, FRANK, DE
[72] MOLDENHAUER, GERHARD, DE
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[72] HUNZIKER, DANIEL, CH
[72] KURATLI, CHRISTOPH, CH
[72] MARTIN, RAINER E., CH
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[54] **IMIDAZO[1,2-A]PYRAZINE CARBOXAMIDES SUBSTITUES ET LEUR UTILISATION**
[72] VAKALOPOULOS, ALEXANDROS, DE
[72] BROCKSCHNIEDER, DAMIAN, DE
[72] WUNDER, FRANK, DE
[72] STASCH, JOHANNES-PETER, IT
[72] MARQUARDT, TOBIAS, DE
[72] DIETZ, LISA, DE
[72] LI, MIN JIAN VOLKHART, DE
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[72] BIRTIC, SIMONA, FR
[72] PIERRE, FRANCOIS-XAVIER HENRI, FR
[72] MESNIER, XAVIER PIERRE FRANCOIS, GB
[72] PASSEMARD, ANNE, FR
[72] BILY, ANTOINE CHARLES, FR
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[54] **MODIFICATION DU GENOME MEDIEE PAR AGROBACTERIUM SANS INTEGRATION DE L'ADN-T**
[72] STODDARD, THOMAS, US
[72] BALTES, NICHOLAS J., US
[72] LUO, SONG, US
[71] CELLECTIS, FR
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[54] **IMMUNOMODULATEURS**
[72] MILLER, MICHAEL MATTHEW, US
[72] ALLEN, MARTIN PATRICK, US
[72] LI, LING, US
[72] MAPELLI, CLAUDIO, US
[72] POIRIER, MAUDE A., US
[72] SUN, LI-QIANG, US
[72] ZHAO, QIAN, US
[72] MULL, ERIC, US
[72] GILLIS, ERIC P., US
[72] SCOLA, PAUL MICHAEL, US
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[54] **DERIVES DE LA QUINOLEINE DESTINES A UNE UTILISATION DANS LE TRAITEMENT OU LA PREVENTION D'INFECTIONS VIRALES**
[72] SCHERRER, DIDIER, FR
[72] GARCEL, AUDE, FR
[72] CAMPOS, NOELIE, FR
[72] TAZI, JAMAL, FR
[72] VAUTRIN, AUDREY, FR
[72] MAHUTEAU, FLORENCE, FR
[72] NAJMAN, ROMAIN, FR
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[71] ABIVAX, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **COMMUNICATIONS DEVICE, INFRASTRUCTURE EQUIPMENT, MOBILE COMMUNICATIONS NETWORK AND METHODS**
[54] **DISPOSITIF DE COMMUNICATION, EQUIPEMENT D'INFRASTRUCTURE, RESEAU DE COMMUNICATION MOBILE ET PROCEDES**
[72] MARTIN, BRIAN ALEXANDER, GB
[72] WAKABAYASHI, HIDEJI, GB
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[71] SONY CORPORATION, JP
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[54] **COMPOSITIONS PHARMACEUTIQUES A BASE DE LEDIPASVIR ET DE SOFOSBUVIR**
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[72] ANKER, GEORG, AT
[72] MARTIN, NOLWENN, AT
[71] SANDOZ AG, CH
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[54] **MILK-BASED PROTEIN HYDROLYSATES AND COMPOSITIONS MADE THEREOF**
[54] **HYDROLYSATS DE PROTEINE A BASE DE LAIT ET COMPOSITIONS FABRIQUEES AVEC CES DERNIERS**
[72] MAYNARD, FRANCOISE, CH
[72] SALVATORE, DELPHINE, CH
[72] THEVENIER, ANNE, CH
[71] NESTEC S.A., CH
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[54] **PRIME-BOOST REGIMENS INVOLVING ADMINISTRATION OF AT LEAST ONE MRNA CONSTRUCT**
[54] **REGIMES POSOLOGIQUES DE PRIMO-IMMUNISATION/RAPPEL IMPLIQUANT L'ADMINISTRATION D'AU MOINS UNE CONSTRUCTION D'ARNM**
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[71] CUREVAC AG, DE
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[54] **VIS DE GAVAGE**
[72] KIRCHHOFF, JORG, DE
[72] KONIG, THOMAS, DE
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[71] ARLANXEO DEUTSCHLAND GMBH, DE
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[71] ARLANXEO DEUTSCHLAND GMBH, DE
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[54] **SUBSTITUTED 2-THIOIMIDAZOLYL-CARBOXAMIDES AS PEST CONTROL AGENTS**
[54] **2-THIOIMIDAZOLYLE-CARBOXAMIDES SUBSTITUES SERVANT D'AGENTS DE LUTTE CONTRE LES NUISIBLES**
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[72] HEIL, MARKUS, DE
[72] JANSEN, JOHANNES-RUDOLF, DE
[72] KUBBELER, SUSANNE, DE
[72] WILCKE, DAVID, DE
[72] KOHLER, ADELINE, DE
[72] WILLOT, MATTHIEU, DE
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[54] **BIOMARKERS FOR DIAGNOSIS AND PROGNOSIS OF CORNEAL ECTATIC DISORDERS**
[54] **BIOMARQUEURS DE DIAGNOSTIC ET DE PRONOSTIC DE MALADIES ECTASIQUES DE LA CORNEE**
[72] LEMA GESTO, MARIA ISABEL, ES
[72] CASTILLO SANCHEZ, JOSE ANTONIO, ES
[72] SOBRINO MOREIRAS, TOMAS, ES
[72] CAMPOS PEREZ, FRANCISCO, ES
[71] UNIVERSIDADE DE SANTIAGO DE COMPOSTELA, ES
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[72] AL-HAJ ALI, MOHAMMAD, FI
[72] KANELLOPOULOS, VASILEIOS, FI
[72] KRALLIS, APOSTOLOS, FI
[72] SLEIJSTER, HENRY, NL
[72] ZITTING, SAMULI, FI
[71] BOREALIS AG, AT
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[25] FR
[54] **TRANSDERMAL THERAPEUTIC SYSTEM CONTAINING VALENTONIN AND USE THEREOF AS A MEDICAMENT**
[54] **SYSTEME THERAPEUTIQUE TRANSDERMIQUE CONTENANT DE LA VALENTONINE ET SON UTILISATION COMME MEDICAMENT**
[72] FOURTILLAN, JEAN-BERNARD, FR
[72] FOURTILLAN, MARIANNE, FR
[71] SOEUR JOSEFA MENENDEZ, FR
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[54] **GAS-INSULATED MEDIUM- OR HIGH-VOLTAGE ELECTRICAL APPARATUS INCLUDING HEPTAFLUOROISOBUTYRONITRILE AND TETRAFLUOROMETHANE**
[54] **APPAREIL ELECTRIQUE MOYENNE OU HAUTE TENSION A ISOLATION GAZEUSE COMPRENANT DE L'HEPTAFLUOROISOBUTYRONITRILE ET DU TETRAFLUOROMETHANE**
[72] KIEFFEL, YANNICK, FR
[72] WILLIEME, JEAN-MARC, FR
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
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[25] FR
[54] **METHOD FOR APPLYING A COATING PRODUCT TO A COMPONENT BEING MOVED BY A CONVEYOR, AND COATING PRODUCT APPLICATION INSTALLATION**
[54] **METHODE D'APPLICATION D'UN PRODUIT DE REVETEMENT SUR UNE PIECE DEPLACEE PAR UN CONVOYEUR ET INSTALLATION D'APPLICATION D'UN PRODUIT DE REVETEMENT**
[72] LE STRAT, CEDRIC, FR
[72] PROVENAZ, PHILIPPE, FR
[72] PRUS, ERIC, FR
[72] BROCHIER-CENDRE, HERVE, FR
[71] EXEL INDUSTRIES, FR
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[54] **PROCEDES DE TRAITEMENT DE L'INFERTILITE**
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[72] RUMAN, JANE, US
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[25] EN
[54] **COMPOSITION FOR PREVENTION OR TREATMENT OF CUTANEOUS DISORDER**
[54] **COMPOSITION DE PREVENTION OU DE TRAITEMENT D'UN TROUBLE CUTANE**
[72] LASSERRE, GILLES HENRI, FR
[71] LASSERRE, GILLES HENRI, FR
[71] XANTIAL, FR
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[25] EN
[54] **CATALYZED CERAMIC CANDLE FILTER AND METHOD OF CLEANING PROCESS OFF- OR EXHAUST GASES**
[54] **FILTRE A BOUGIE EN CERAMIQUE CATALYSE ET PROCEDE DE NETTOYAGE DE GAZ DE COMBUSTION DE PROCEDE OU D'ECHAPPEMENT**
[72] THOGERSEN, JOAKIM REIMER, DK
[72] CASTELLINO, FRANCESCO, DK
[72] PEDERSEN, LARS STORM, DK
[71] HALDOR TOPSOE A/S, DK
[85] 2017-08-09
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[25] EN
[54] **COMPOUNDS HAVING MUSCARINIC RECEPTOR ANTAGONIST AND BETA2 ADRENERGIC RECEPTOR AGONIST ACTIVITY**
[54] **COMPOSES PRESENTANT UNE ACTIVITE D'ANTAGONISTES DE RECEPTEUR MUSCARINIQUE ET D'AGONISTES DE RECEPTEUR BETA 2 ADRENERGIQUE**
[72] RANCATI, FABIO, IT
[72] RIZZI, ANDREA, IT
[72] CARZANIGA, LAURA, IT
[72] LINNEY, IAN, IT
[72] KNIGHT, CHRIS, IT
[72] SCHMIDT, WOLFGANG, IT
[71] CHIESI FARMACEUTICI S.P.A., IT
[85] 2017-08-09
[86] 2016-02-10 (PCT/EP2016/052812)
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[51] **Int.Cl. C07C 2/84 (2006.01) C10G 9/36 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING HYDROCARBONS**
[54] **PROCEDE DE PRODUCTION D'HYDROCARBURES**
[72] ZIMMERMANN, HEINZ, DE
[72] PENNER, FLORIAN, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
[85] 2017-08-09
[86] 2016-02-16 (PCT/EP2016/053282)
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[25] EN
[54] **ELECTROMAGNETIC INDUCTION DEVICE CONFIGURED AS A MULTIPLE MAGNETIC CIRCUIT**
[54] **DISPOSITIF D'INDUCTION ELECTROMAGNETIQUE A CONFIGURATION DE CIRCUIT MAGNETIQUE MULTIPLE**
[72] TOUZET, ERIC, FR
[72] POTELLE, NICOLAS, FR
[71] THALES, FR
[85] 2017-08-10
[86] 2016-02-11 (PCT/EP2016/052926)
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[25] EN
[54] **STABLE LIQUID FORMULATION FOR MONOCLONAL ANTIBODIES**
[54] **FORMULATION LIQUIDE STABLE POUR DES ANTICORPS MONOCLONAUX**
[72] BUSSEMER, TILL, DE
[72] PIEPER, ANNETTE, DE
[72] SAGI, DIJANA, DE
[72] STREBE, NINA, DE
[72] YOUSSEFF, AHMED, DE
[71] SANOFI, FR
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[86] 2016-02-12 (PCT/EP2016/053068)
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[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING N-(3,5-DIMETHOXYPHENYL)-N'-(1-METHYLETHYL)-N-[3-(1-METHYL-1H-PYRAZOL-4-YL)QUINOXALIN-6-YL]ETHANE-1,2-DIAMINE**
[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT LA N-(3,5-DIMETHOXYPHENYL)-N'-(1-METHYLETHYL)-N-[3-(1-METHYL-1H-PYRAZOL-4-YL)QUINOXALIN-6-YL]ETHANE-1,2-DIAMINE**
[72] BROGGINI, DIEGO FERNANDO DOMENICO, CH
[71] ASTEX THERAPEUTICS LIMITED, GB
[85] 2017-08-10
[86] 2016-02-09 (PCT/EP2016/052743)
[87] (WO2016/128411)
[30] EP (15154554.8) 2015-02-10
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[51] **Int.Cl. G01N 33/50 (2006.01) C12Q 1/26 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **METHODS FOR THE DETERMINATION OF COMPOUNDS OR COMPOSITIONS FOR THE TREATMENT OF LIPOFUSCIN RELATED DISEASES AND COMPOUNDS OR COMPOSITIONS**
[54] **PROCEDES PERMETTANT DE DETERMINER DES COMPOSES OU COMPOSITIONS POUR LE TRAITEMENT DE MALADIES LIEES A LA LIPOFUSCINE, ET COMPOSES OU COMPOSITIONS**
[72] SCHRAERMEYER, ULRICH, DE
[72] BURNET, MICHAEL, DE
[71] KATAIRO GMBH, DE
[85] 2017-08-10
[86] 2015-02-13 (PCT/EP2015/053148)
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[25] EN
[54] **PYRIMIDINE DERIVATIVES FOR USE IN THE TREATMENT OF CANCER**
[54] **DERIVES DE PYRIMIDINE UTILISES DANS LE TRAITEMENT DU CANCER**
[72] HEINRICH, TIMO, DE
[72] PEHL, ULRICH, DE
[71] MERCK PATENT GMBH, DE
[85] 2017-08-11
[86] 2016-02-12 (PCT/EP2016/000239)
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[51] **Int.Cl. H04L 12/24 (2006.01) H04L 29/06 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **DISTRIBUTION OF BANDWIDTH IN A NETWORK**
[54] **REPARTITION DE BANDE-PASSANTE DANS UN RESEAU**
[72] CHAMPEL, MARY-LUC, FR
[72] TAIBI, CHARLINE, FR
[72] HOUDAILLE, REMI, FR
[71] THOMSON LICENSING, FR
[85] 2017-08-11
[86] 2016-02-05 (PCT/EP2016/052532)
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[25] EN
[54] **NOX TRAP CATALYST SUPPORT MATERIAL WITH IMPROVED STABILITY AGAINST BAAl2O4 FORMATION**
[54] **MATERIAU SUPPORT DE CATALYSEUR PIEGE A NOX DOTE D'UNE STABILITE AMELIOREE CONTRE LA FORMATION DE BAAl2O4**
[72] SCHONEBORN, MARCOS, DE
[72] HARMENING, THOMAS, DE
[72] NIEMEYER, DRIK, DE
[72] ROLFS, SONKE, DE
[72] FABIAN, JOHANNA, DE
[71] SASOL GERMANY GMBH, DE
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[25] EN
[54] **IMMUNOLOGICALLY ACTIVE PLANT MIXTURE AND USE THEREOF FOR PROPHYLAXIS AND IN A METHOD FOR TREATING EFFLORESCENCE**
[54] **MELANGE PHYTOTHERAPEUTIQUE IMMUNOLOGIQUEMENT ACTIF ET APPLICATION DUDIT MELANGE POUR LA PREVENTION ET DANS UN PROCEDE DESTINE AU TRAITEMENT DES EFFLORESCENCES**
[72] WILMANOWICZ, RENATE, DE
[71] WILMANOWICZ, RENATE, DE
[85] 2017-08-14
[86] 2016-02-10 (PCT/EP2016/052836)
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[51] **Int.Cl. D04H 1/4218 (2012.01) E04B 1/00 (2006.01)**
[25] EN
[54] **METHOD OF COMPRESSING MAN-MADE VITREOUS FIBRE WEB**
[54] **PROCEDE DE COMPRESSION D'UNE BANDE DE FIBRES VITREUSES ARTIFICIELLES**
[72] KEMPSTER, VINCENT PAUL, GB
[71] ROCKWOOL INTERNATIONAL A/S, DK
[85] 2017-08-14
[86] 2016-02-16 (PCT/EP2016/053278)
[87] (WO2016/131831)
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[51] **Int.Cl. C07K 14/47 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **NON-NATURAL SEMAPHORINS 3 AND THEIR MEDICAL USE**
[54] **SEMAPHORINES 3 NON NATURELLES ET LEUR UTILISATION MEDICALE**
[72] SERINI, GUIDO, IT
[72] GIRAUDO, ENRICO, IT
[72] TAMAGNONE, LUCA, IT
[71] SEAGULL THERAPEUTICS SAS, FR
[85] 2017-08-14
[86] 2016-02-23 (PCT/EP2016/053750)
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[25] EN
[54] **MIXTURES OF CHELATING AGENTS, AND PROCESS FOR MAKING SUCH MIXTURES**
[54] **MELANGES D'AGENTS CHELATANTS, ET PROCEDE DE FABRICATION DE TELS MELANGES**
[72] FRANZKE, CONSTANZE, DE
[72] JAEKEL, FRANK, DE
[72] SUELING, CARSTEN, DE
[71] BASF SE, DE
[85] 2017-08-14
[86] 2016-03-01 (PCT/EP2016/054329)
[87] (WO2016/142220)
[30] EP (15158581.7) 2015-03-11

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[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/712 (2006.01) A61K 31/7125 (2006.01)**
[25] EN
[54] **OLIGONUCLEOTIDE THERAPY FOR LEBER CONGENITAL AMAUROSIS**
[54] **THERAPIE PAR OLIGONUCLEOTIDES POUR L'AMAUROSE CONGENITALE DE LEBER**
[72] BIASUTTO, PATRICIA COROMOTO, NL
[72] CHAN, HEE LAM, NL
[71] PROQR THERAPEUTICS II B.V., NL
[85] 2017-08-14
[86] 2016-02-26 (PCT/EP2016/054164)
[87] (WO2016/135334)
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[51] **Int.Cl. B29C 45/40 (2006.01)**
[25] EN
[54] **APPARATUS FOR MOLDING PLASTIC ELEMENTS**
[54] **APPAREIL POUR LE MOULAGE D'ELEMENTS EN PLASTIQUE**
[72] MARASTONI, DANIELE, IT
[72] MOSCA, ROSSANO, IT
[71] SACMI IMOLA S.C., IT
[85] 2017-08-14
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[51] **Int.Cl. C10L 1/02 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING A PRODUCT OIL FROM PEAT, COIR OR PEAT-LIKE SUBSTANCES**
[54] **PROCEDE DE PREPARATION DE PRODUIT A BASE D'HUILE A PARTIR DE TOURBE, DE FIBRE DE COCO OU DE SUBSTANCES DE TYPE TOURBE**
[72] RINALDI, ROBERTO, DE
[72] KENNEMA, MARCO, DE
[71] STUDIENGESELLSCHAFT KOHLE MBH, DE
[85] 2017-08-14
[86] 2016-03-22 (PCT/EP2016/056265)
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[30] DE (10 2015 205 360.1) 2015-03-24

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[13] A1
[51] **Int.Cl. B01J 37/02 (2006.01) B01D 53/94 (2006.01) B01J 21/06 (2006.01) B01J 23/38 (2006.01) B01J 23/44 (2006.01) B01J 35/00 (2006.01) B01J 35/10 (2006.01) B01J 37/04 (2006.01) B01J 37/08 (2006.01) B01J 37/10 (2006.01)**
[25] EN
[54] **METHANE OXIDATION CATALYST, PROCESS TO PREPARE THE SAME AND METHOD OF USING THE SAME**
[54] **CATALYSEUR D'OXYDATION DU METHANE, PROCEDE DE PREPARATION ASSOCIE ET PROCEDE D'UTILISATION ASSOCIE**
[72] TANEV, PETER TANEV, US
[72] SOORHOLTZ, MARIO, DE
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2017-08-14
[86] 2016-03-03 (PCT/EP2016/054490)
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[51] **Int.Cl. C07K 14/47 (2006.01) A61K 38/00 (2006.01) A61K 38/17 (2006.01)**
[25] EN
[54] **NOVEL PROTEINS SPECIFIC FOR PYOVERDINE AND PYOCHELIN**
[54] **NOUVELLES PROTEINES SPECIFIQUES DE LA PYOVERDINE ET DE LA PYOCHELINE**
[72] CORVEY, CARSTEN, DE
[72] STUMP, HEIKE, DE
[72] KRUIP, JOCHEN, DE
[72] CALANDRA, BERNHARD, FR
[72] REY, ASTRID, FR
[72] KARST, NATHALIE, FR
[72] MOUREZ, MICHAEL, FR
[72] FRAISSE, LAURENT, FR
[72] ROTHE, CHRISTINE, DE
[72] ALLERSDORFER, ANDREA, DE
[72] WIEDENMANN, ALEXANDER, DE
[72] HINNER, MARLON, DE
[72] LUNDE, BRADLEY, US
[72] JENSEN, KRISTIAN, DE
[72] HULSMEYER, MARTIN, DE
[71] SANOFI, FR
[85] 2017-08-15
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[30] EP (15305242.8) 2015-02-18

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[51] **Int.Cl. A61K 51/00 (2006.01) A61K 38/57 (2006.01)**
[25] EN
[54] **ALPHA-1-MICROGLOBULIN FOR USE IN THE PROTECTION OF KIDNEYS IN RADIONUCLIDE THERAPY**
[54] **ALPHA-1-MICROGLOBULINE DESTINEE A ETRE UTILISEE POUR PROTEGER LES REINS LORS D'UNE RADIOTHERAPIE INTERNE**
[72] AKERSTROM, BO, SE
[72] STRAND, SVEN-ERIK, SE
[72] GRAM, MAGNUS GORAN, SE
[72] TRAN, AMANDA THUY, SE
[71] A1M PHARMA AB, SE
[85] 2017-08-15
[86] 2016-02-25 (PCT/EP2016/053904)
[87] (WO2016/135214)
[30] DK (PA 2015 70099) 2015-02-25

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[13] A1
[51] **Int.Cl. C07C 229/16 (2006.01) C07C 229/24 (2006.01) C11D 3/33 (2006.01)**
[25] EN
[54] **PROCESS FOR MAKING MIXTURES OF ENANTIOMERS, AND MIXTURES OF ENANTIOMERS**
[54] **PROCEDE DE FABRICATION DE MELANGES D'ENANTIOMERES, ET MELANGES D'ENANTIOMERES**
[72] FRANZKE, CONSTANZE, DE
[72] REINOSO GARCIA, MARTA, DE
[72] BAUMANN, ROBERT, DE
[72] GREINDL, THOMAS, DE
[71] BASF SE, DE
[85] 2017-08-15
[86] 2016-03-02 (PCT/EP2016/054375)
[87] (WO2016/142228)
[30] EP (15158841.5) 2015-03-12

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[51] **Int.Cl. A61K 6/083 (2006.01) A61K 6/00 (2006.01)**
[25] EN
[54] **DENTAL COMPOSITION**
[54] **COMPOSITION DENTAIRE**
[72] KLEE, JOACHIM, DE
[72] MAIER, MAXIMILIAN, DE
[72] LALEVEE, JACQUES, FR
[72] FIK, CHRISTOPH P., CH
[72] FOUASSIER, JEAN PIERRE, FR
[72] MORLET-SAVARY, FABRICE, FR
[72] DIETLIN, CELINE, FR
[71] DENTSPLY DETREY GMBH, DE
[85] 2017-08-15
[86] 2016-03-30 (PCT/EP2016/056874)
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[30] EP (15161747.9) 2015-03-30
[30] EP (15171926.7) 2015-06-12

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[51] **Int.Cl. C12N 15/63 (2006.01) C07K 14/705 (2006.01) C12N 15/67 (2006.01) C12N 15/85 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **USE OF VITAMINS AND VITAMIN METABOLIC GENES AND PROTEINS FOR RECOMBINANT PROTEIN PRODUCTION IN MAMMALIAN CELLS**
[54] **UTILISATION DE VITAMINES ET DE GENES METABOLIQUES DE VITAMINE AINSI QUE DE PROTEINES POUR LA PRODUCTION DE PROTEINES DE RECOMBINAISON DANS DES CELLULES DE MAMMIFERES**
[72] MERMOD, NICOLAS, CH
[72] POURCEL, LUCILLE, CH
[72] GIROD, PIERRE-ALAIN, CH
[72] LE FOURN, VALERIE, FR
[71] SALEXIS S.A., CH
[85] 2017-08-15
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[51] **Int.Cl. H04W 52/34 (2009.01) H04W 52/02 (2009.01) H04W 52/14 (2009.01) H04W 52/28 (2009.01) H04W 52/38 (2009.01) H04W 52/40 (2009.01) H04W 88/08 (2009.01)**
[25] EN
[54] **A RADIO UNIT AND A METHOD THEREIN FOR CONTROLLING POWER LEVELS OF SPATIALLY SEPERATED TRANSCEIVERS IN A WIRELESS COMMMUNICATIONS NETWORK**
[54] **UNITE RADIO ET PROCEDE CORRESPONDANT POUR LE REGLAGE DE NIVEAUX DE PUISSANCE D'EMETTEURS-RECEPTEURS SEPARES DANS L'ESPACE DANS UN RESEAU DE COMMUNICATION SANS FIL**
[72] ERICSON, MARTEN, SE
[72] DE BRUIN, PETER, SE
[72] THURFJELL, MAGNUS, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[86] 2015-02-20 (PCT/EP2015/053578)
[87] (WO2016/131491)

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[51] **Int.Cl. H01B 3/40 (2006.01) C08K 5/17 (2006.01)**
[25] EN
[54] **A PROCESS FOR THE PREPARATION OF INSULATION SYSTEMS FOR ELECTRICAL ENGINEERING, THE ARTICLES OBTAINED THEREFROM AND THE USE THEREOF**
[54] **PROCEDE DE PREPARATION DE SYSTEMES D'ISOLATION POUR L'ELECTROTECHNIQUE, ARTICLES OBTENUS A PARTIR DE CELUI-CI ET UTILISATION DE CEUX-CI**
[72] BEISELE, CHRISTIAN, DE
[72] COLLIARD, SOPHIE, FR
[72] SCHOENENBERGER, CATHERINE, FR
[72] WILBERS, HUBERT, DE
[71] HUNTSMAN ADVANCED MATERIALS LICENSING (SWITZERLAND) GMBH, CH
[85] 2017-08-16
[86] 2016-02-12 (PCT/EP2016/052969)
[87] (WO2016/150614)
[30] EP (15161029.2) 2015-03-26

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[13] A1
[51] **Int.Cl. C12Q 1/70 (2006.01) G01N 27/447 (2006.01)**
[25] EN
[54] **METHOD FOR QUANTIFICATION OF VIRUS PARTICLES USING CAPILLARY ZONE ELECTROPHORESIS**
[54] **PROCEDE POUR LA QUANTIFICATION DE PARTICULES VIRALES AU MOYEN DE L'ELECTROPHORESE CAPILLAIRE DE ZONE**
[72] VAN TRICHT, EWOUD, NL
[72] GEURINK, LARS JOHANNES, NL
[72] SANGER-VAN DE GRIEND, CATHARINA ELISE, NL
[71] JANSSEN VACCINES & PREVENTION B.V., NL
[85] 2017-08-16
[86] 2016-02-18 (PCT/EP2016/053405)
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[51] **Int.Cl. H01Q 3/46 (2006.01) H01Q 15/14 (2006.01) H01Q 23/00 (2006.01) H01Q 1/40 (2006.01) H01Q 19/19 (2006.01)**
[25] EN
[54] **REFLECTOR HAVING AN ELECTRONIC CIRCUIT AND ANTENNA DEVICE HAVING A REFLECTOR**
[54] **REFLECTEUR DOTE D'UN CIRCUIT ELECTRONIQUE ET SYSTEME D'ANTENNE DOTE D'UN REFLECTEUR**
[72] VISENTIN, TRISTAN, DE
[72] KEUSGEN, WILHELM, DE
[72] WEILER, RICHARD JURGEN, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **THERMAL SWITCH BASED ON POLYMER COMPOUND**
[54] **THERMOCONTACTEUR A BASE DE COMPOSE POLYMERE**
[72] LHOST, OLIVIER, BE
[72] ROUSSEAUX, DIMITRI, BE
[71] TOTAL RESEARCH & TECHNOLOGY FELUY, BE
[85] 2017-08-16
[86] 2016-03-11 (PCT/EP2016/055376)
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[51] **Int.Cl. G10L 19/03 (2013.01) G10L 21/0272 (2013.01) G10L 21/0388 (2013.01) G10L 25/03 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PROCESSING AN AUDIO SIGNAL TO OBTAIN A PROCESSED AUDIO SIGNAL USING A TARGET TIME-DOMAIN ENVELOPE**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT DE SIGNAL AUDIO POUR OBTENIR UN SIGNAL AUDIO TRAITE A L'AIDE D'UNE ENVELOPPE DE DOMAINE TEMPOREL CIBLE**
[72] DITTMAR, CHRISTIAN, DE
[72] MULLER, MEINARD, DE
[72] DISCH, SASCHA, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[86] 2016-02-23 (PCT/EP2016/053752)
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[25] EN
[54] **3-CARBAMOYLPHENYL-4-CARBOXAMIDE AND ISOPHTALAMIDE DERIVATIVES AS INHIBITORS OF THE WNT SIGNALLING PATHWAY**
[54] **DERIVES DE 3-CARBAMOYLPHENYL-4-CARBOXAMIDE ET D'ISOPHTALAMIDE EN TANT QU'INHIBITEURS DE LA VOIE DE SIGNALISATION WNT**
[72] THEDE, KAI, DE
[72] BENDER, ECKHARD, DE
[72] SCOTT, WILLIAM J., US
[72] GIESE, ANJA, DE
[72] ZORN, LUDWIG, DE
[72] LIU, NINGSHU, DE
[72] MONNING, URSULA, DE
[72] SIEGEL, FRANZISKA, DE
[72] GOLZ, STEFAN, DE
[72] HAGEBARTH, ANDREA, DE
[72] LIENAU, PHILIP, DE
[72] PUEHLER, FLORIAN, US
[72] BASTING, DANIEL, DE
[72] SCHNEIDER, DIRK, DE
[72] MOWES, MANFRED, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **1,3,4-THIADIAZOL-2-YL-BENZAMIDE DERIVATIVES AS INHIBITORSOF THE WNT SIGNALLING PATHWAY**
[54] **DERIVES DE 1,3,4-THIADIAZOL-2-YL-BENZAMIDE UTILISES EN TANT QU'INHIBITEURS DE LA VOIE DE SIGNALISATION WNT**
[72] THEDE, KAI, DE
[72] BENDER, ECKHARD, DE
[72] SCOTT, WILLIAM J., US
[72] GIESE, ANJA, DE
[72] ZORN, LUDWIG, DE
[72] LIU, NINGSHU, DE
[72] MONNING, URSULA, DE
[72] SIEGEL, FRANZISKA, DE
[72] GOLZ, STEFAN, DE
[72] HAGEBARTH, ANDREA, DE
[72] LIENAU, PHILIP, DE
[72] PUEHLER, FLORIAN, US
[72] BASTING, DANIEL, DE
[72] SCHNEIDER, DIRK, DE
[72] MOWES, MANFRED, DE
[72] GEISLER, JENS, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **N-PHENYL-(MORPHOLIN-4-YL OR PIPERAZINYL)ACETAMIDE DERIVATIVES AND THEIR USE AS INHIBITORS OF THE WNT SIGNALLING PATHWAYS**
[54] **DERIVES DE N-PHENYL-(MORPHOLIN-4-YL OU PIPERAZINYL)ACETAMIDE ET LEUR UTILISATION COMME INHIBITEURS DES VOIES DE SIGNALISATION WNT**
[72] THEDE, KAI, DE
[72] BENDER, ECKHARD, DE
[72] SCOTT, WILLIAM J., US
[72] GIESE, ANJA, DE
[72] ZORN, LUDWIG, DE
[72] LIU, NINGSHU, DE
[72] MONNING, URSULA, DE
[72] SIEGEL, FRANZISKA, DE
[72] GOLZ, STEFAN, DE
[72] HAGEBARTH, ANDREA, DE
[72] LIENAU, PHILIP, DE
[72] PUHLER, FLORIAN, US
[72] BASTING, DANIEL, DE
[72] SCHNEIDER, DIRK, DE
[72] MOWES, MANFRED, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **BINDER COMPOSITION AND ITS USE IN PROCESSES FOR THE PRODUCTION OF WOOD FIBRE BOARDS**
[54] **COMPOSITION DE LIANT ET SON UTILISATION DANS DES PROCEDES POUR LA PRODUCTION DE PANNEAUX DE FIBRES DE BOIS**
[72] LOMBI, ROBERTO, IT
[72] TURATI, DANIELE, IT
[72] CASTANO, LIDIA, IT
[71] NOVAMONT S.P.A., IT
[85] 2017-08-17
[86] 2016-03-09 (PCT/EP2016/054990)
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[25] EN
[54] **MATERIALS AND METHODS FOR DETECTING ANDROGEN RECEPTOR SPLICE VARIANTS AND USES THEREOF**
[54] **MATERIELS ET METHODES PERMETTANT DE DETECTER DES VARIANTS D'EPISSAGE DU RECEPTEUR DES ANDROGENES ET LEURS UTILISATIONS**
[72] TRUE, LAWRENCE, US
[72] TUBBS, ALISA, US
[72] WANG, YIXIN, US
[72] NAGY, ALEXANDRA, US
[72] ZHU, YIFEI, US
[72] REBELO DO COUTO, FERNANDO JOSE, US
[72] LIAO, ZHIMING, US
[72] ROUDIER, MARTINE, US
[71] VENTANA MEDICAL SYSTEMS, INC., US
[71] UNIVERSITY OF WASHINGTON, US
[85] 2017-08-17
[86] 2016-03-16 (PCT/EP2016/055632)
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[51] **Int.Cl. B65D 71/70 (2006.01) B65D 85/42 (2006.01)**
[25] EN
[54] **PACKAGING STRUCTURE FOR CONTAINERS FOR PHARMACEUTICAL USE**
[54] **STRUCTURE D'EMBALLAGE POUR RECIPIENTS POUR USAGE PHARMACEUTIQUE**
[72] BERTOLIN, GIANPAOLO, IT
[71] NUOVA OMPI S.R.L., IT
[85] 2017-08-16
[86] 2016-02-19 (PCT/EP2016/053531)
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[25] EN
[54] **ENTERIC-COATED PELLETS CONTAINING A PROTON PUMP INHIBITOR**
[54] **GRANULES GASTRO-RESISTANTS CONTENANT UN INHIBITEUR DE LA POMPE A PROTONS**
[72] ATILIO LOS, MARIO, AR
[71] LABORATORIOS BAGO S.A., AR
[71] EASTBRAND HOLDING GMBH, AT
[85] 2017-08-18
[86] 2015-03-31 (PCT/EP2015/056982)
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[51] **Int.Cl. A61K 41/00 (2006.01) A61K 35/17 (2015.01) A61P 35/00 (2006.01)**
[25] EN
[54] **IMPROVED PHOTODYNAMIC PROCESS AND PRODUCT OBTAINED THEREFROM**
[54] **PROCESSUS PHOTODYNAMIQUE AMELIORE ET PRODUIT OBTENU PAR CE PROCESSUS**
[72] VELTHUIS, JURJEN, NL
[72] DE JONG, LIESBETH, NL
[72] RUDIGER, MANFRED, NL
[71] KIADIS PHARMA INTELLECTUAL PROPERTY B.V., NL
[85] 2017-08-18
[86] 2016-02-19 (PCT/EP2016/053561)
[87] (WO2016/131960)
[30] EP (15155755.0) 2015-02-19

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[25] EN
[54] **PROCESS FOR THE AMMONIA PRODUCTION**
[54] **PROCEDE DE PRODUCTION D'AMMONIAC**
[72] FILIPPI, ERMANNO, CH
[72] OSTUNI, RAFFAELE, CH
[71] CASALE SA, CH
[85] 2017-08-17
[86] 2016-01-27 (PCT/EP2016/051658)
[87] (WO2016/131623)
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[51] **Int.Cl. A61K 31/135 (2006.01) A61K 31/138 (2006.01) A61K 31/40 (2006.01) A61K 31/473 (2006.01) A61K 31/565 (2006.01) A61K 31/57 (2006.01) A61K 31/58 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHOD FOR TREATMENT OF PRIMARY HORMONE RESISTANT ENDOMETRIAL AND BREAST CANCERS**
[54] **PROCEDE POUR LE TRAITEMENT DES CANCERS PRIMITIFS DE L'ENDOMETRE ET DU SEIN RESISTANTS AUX HORMONES**
[72] GENKIN, DMITRY, RU
[72] SURKOV, KIRILL, RU
[71] LIPOXEN TECHNOLOGIES LIMITED, GB
[85] 2017-08-21
[86] 2015-11-06 (PCT/EP2015/075990)
[87] (WO2016/071520)
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[25] EN
[54] **OZONE GENERATOR WITH POSITION-DEPENDENT DISCHARGE DISTRIBUTION**
[54] **OZONISEUR A REPARTITION DE DECHARGE DEPENDANT DE LA POSITION**
[72] FIEKENS, RALF, DE
[72] FIETZEK, REINER, DE
[72] SALVERMOSER, MANFRED, DE
[72] BRUGGEMANN, NICOLE, DE
[71] XYLEM IP MANAGEMENT S.A R.L., LU
[85] 2017-08-21
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[87] (WO2016/134878)
[30] DE (10 2015 002 102.8) 2015-02-23

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[51] **Int.Cl. C01B 13/11 (2006.01) H01T 19/00 (2006.01)**
[25] EN
[54] **OZONE GENERATOR WITH POSITION-DEPENDENT DISCHARGE DISTRIBUTION**
[54] **OZONISEUR A REPARTITION DE DECHARGE DEPENDANT DE LA POSITION**
[72] FIEKENS, RALF, DE
[72] FIETZEK, REINER, DE
[72] SALVERMOSER, MANFRED, DE
[72] BRUGGEMANN, NICOLE, DE
[71] XYLEM IP MANAGEMENT S.A R.L., LU
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[87] (WO2016/134880)
[30] DE (10 2015 002 103.6) 2015-02-23

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[51] **Int.Cl. C07K 16/22 (2006.01) C07K 16/24 (2006.01)**
[25] EN
[54] **ULTRA-POTENT NEUTRALIZATION OF CYTOKINES BY MULTISPECIFIC ANTIBODIES AND USES THEREOF**
[54] **NEUTRALISATION ULTRA-PUISSANTE DE CYTOKINES PAR DES ANTICORPS MULTISPECIFIQUES ET UTILISATIONS ASSOCIEES**
[72] CORTI, DAVIDE, CH
[72] LANZAVECCHIA, ANTONIO, CH
[72] PICCOLI, LUCA, CH
[71] INSTITUTE FOR RESEARCH IN BIOMEDICINE, CH
[85] 2017-08-21
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[25] EN
[54] **ARTIFICIAL TURF AND PRODUCTION METHOD**
[54] **GAZON ARTIFICIEL ET SON PROCEDE DE PRODUCTION**
[72] SCHMITZ, DIRK, DE
[72] SANDER, DIRK, DE
[72] WAGENER, OLIVER, DE
[72] SICK, STEPHAN, DE
[71] POLYTEX SPORTBELAGE PRODUKTIONS-GMBH, DE
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[51] **Int.Cl. A61K 9/16 (2006.01)**
[25] EN
[54] **CONTROLLED RELEASE FROM PARTICLES ENCAPSULATED BY MOLECULAR LAYER DEPOSITION**
[54] **LIBERATION CONTROLEE A PARTIR DE PARTICULES ENCAPSULEES PAR DEPOT DE COUCHE MOLECULAIRE**
[72] VAN OMMEN, JAN RUDOLF, NL
[71] TECHNISCHE UNIVERSITEIT DELFT, NL
[85] 2017-08-22
[86] 2016-02-25 (PCT/EP2016/054030)
[87] (WO2016/135267)
[30] NL (2014348) 2015-02-25

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[51] **Int.Cl. C07K 14/445 (2006.01)**
[25] EN
[54] **IMMUNOTHERAPEUTIC TARGETING OF PLACENTAL-LIKE CHONDROITIN SULFATE USING CHIMERIC ANTIGEN RECEPTORS (CARS) AND IMMUNOTHERAPEUTIC TARGETING OF CANCER USING CARS WITH SPLIT-PROTEIN BINDING SYSTEMS**
[54] **CIBLAGE IMMUNOTHERAPEUTIQUE DE SULFATE DE CHONDROITINE DE TYPE PLACENTAIRE A L'AIDE DE RECEPTEURS D'ANTIGENES CHIMERIQUES (CAR) ETCIBLAGE IMMUNOTHERAPEUTIQUE DU CANCER A L'AIDE DECAR AVEC DES SYSTEMES DE LIAISON DE PROTEINES DE DIVISION**
[72] ZOCCA, MAI-BRITT, DK
[71] VAR2 PHARMACEUTICALS APS, DK
[85] 2017-08-22
[86] 2016-02-26 (PCT/EP2016/054084)
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[25] EN
[54] **MANUFACTURE OF 4,5,6,7-TETRAHYDROISOXAZOLO[5,4-C]PYRIDIN-3-OL**
[54] **FABRICATION DE 4,5,6,7-TETRAHYDROISOZAXOLO[5,4-C] PYRIDINE-3-OL**
[72] DE FAVERI, CARLA, IT
[72] HUBER, FLORIAN ANTON MARTIN, IT
[71] H. LUNDBECK A/S, DK
[85] 2017-08-22
[86] 2016-03-22 (PCT/EP2016/056244)
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[30] DK (PA 2015 00181) 2015-03-24

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[25] EN
[54] **PROCESS FOR REMOVING SULFUR COMPOUNDS FROM A GAS WITH HYDROGENATION AND DIRECT OXIDATION STEPS**
[54] **PROCEDE D'ELIMINATION DE COMPOSES SOUFRES A PARTIR D'UN GAZ AVEC DES ETAPES D'HYDROGENATION ET D'OXYDATION DIRECTES**
[72] MARES, BENOIT, FR
[71] PROSERNAT, FR
[85] 2017-08-22
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[25] EN
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[54] **BIOMARQUEURS DE LA PREECLAMPSIE**
[72] HANSSON, STEFAN, SE
[72] AKERSTROM, BO, SE
[72] GRAM, MAGNUS GORAN, SE
[71] A1M PHARMA AB, SE
[85] 2017-08-22
[86] 2016-03-16 (PCT/EP2016/055619)
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[30] DK (PA 2015 70146) 2015-03-16
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[25] EN
[54] **A METHOD FOR PREDICTING THE RISK OF OBESITY IN A SUBJECT**
[54] **METHODE DE PREDICTION DU RISQUE D'OBESITE CHEZ UN SUJET**
[72] BERGMANN, ANDREAS, DE
[72] MELANDER, OLLE, SE
[71] SPHINGOTEC GMBH, DE
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[86] 2016-02-26 (PCT/EP2016/054106)
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[30] EP (15156995.1) 2015-02-27
[30] EP (15164910.0) 2015-04-23

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[13] A1
[51] **Int.Cl. D21H 19/46 (2006.01) B41F 23/08 (2006.01) C10M 105/18 (2006.01)**
[25] EN
[54] **WATER BASED WAX DISPERSION COMPRISING A HYDROCARBON WAX AND A DIALKYLETHER FOR THE COATING OF PAPER PRODUCTS**
[54] **DISPERSION DE CIRE AQUEUSE COMPRENANT UNE CIRE A BASE D'HYDROCARBURES ET UN ETHER DE DIALKYLIQUE, DESTINEE A L'ENDUCTION DE PRODUITS DE PAPIER**
[72] SCHWALBE, ANDREAS, DE
[72] SCHNEIDER, ULRICH, DE
[72] HAAS, THOMAS, DE
[72] HERZOG, OLIVER, DE
[71] SASOL WAX GMBH, DE
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[86] 2016-03-10 (PCT/EP2016/000430)
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[51] **Int.Cl. D02G 3/32 (2006.01)**
[25] EN
[54] **FILAMENTARY CORE FOR AN ELASTIC YARN, ELASTIC COMPOSITE YARN, TEXTILE FABRIC AND APPARATUS AND METHOD FOR MANUFACTURING SAID ELASTIC YARN**
[54] **NOYAU FILAMENTEUX POUR UN FIL ELASTIQUE, FIL ELASTIQUE COMPOSITE, TISSU TEXTILE AINSI QU'APPAREIL ET PROCEDE DE FABRICATION DUDIT FIL ELASTIQUE**
[72] YENICI, HAMIT, TR
[72] KARADUMAN, AHMET SERHAT, TR
[72] OZKUL, DENIZ, TR
[72] CIRIK, YASIN, TR
[72] DEMIRTAS, MELTEM, TR
[71] CALIK DENIM TEKSTIL SAN. VE TIC. A.S., TR
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[25] EN
[54] **CELL CULTURE METHOD FOR MESENCHYMAL STEM CELLS**
[54] **PROCEDE DE CULTURE CELLULAIRE POUR LES CELLULES SOUCHES MESENCHYMATEUSES**
[72] SIMMONS, PAUL, AU
[72] SUIRE, COLBY, US
[71] MESOBLAST INTERNATIONAL SARL, CH
[85] 2017-08-23
[86] 2016-03-04 (PCT/EP2016/054640)
[87] (WO2016/139340)
[30] AU (2015900752) 2015-03-04
[30] AU (2015900777) 2015-03-05

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[51] **Int.Cl. C07D 417/12 (2006.01) A61K 31/55 (2006.01) C07D 281/10 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **BICYCLIC TETRAHYDROTHIAZEPINE DERIVATIVES USEFUL FOR THE TREATMENT OF NEOPLASTIC AND/OR INFECTIOUS DISEASES**
[54] **DERIVES TETRAHYDROTHIAZEPINE BICYCLIQUES UTILES POUR LE TRAITEMENT DE MALADIES INFECTIEUSES ET/OU NEOPLASIQUES**
[72] ERMANN, MONIKA, GB
[72] LAMETSCHWANDTNER, GUENTHER, AT
[72] AMOUZEGH, PATRICIA LEONIE, GB
[72] CRAFT, RUSSELL STUART, GB
[72] HANKE, THOMAS, DE
[72] JAMES, TIMOTHY ROBIN, GB
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[72] SCHNITTGER, ARP, DE
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[54] **DISPOSITIF POUR REDUIRE L'EMISSION SONORE DE TRANSFORMATEURS OU DE BOBINES D'INDUCTANCE REFROIDIS PAR DU LIQUIDE**
[72] HOLZER, ANTON, AT
[72] PREGARTNER, HELMUT, AT
[72] PRETTERHOFER, GUNTER, AT
[72] SCHRAMMEL, ALFONS-KARL, AT
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[54] **TRANSFORMATEUR ET PROCEDE DE POST-EQUIPEMENT D'UN TRANSFORMATEUR**
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[72] POFFET, MARTINE, CH
[72] JAGGI, PASCAL, CH
[72] GERARD, DANIEL E., CH
[72] HESS, PETER, DE
[71] OMYA INTERNATIONAL AG, CH
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[54] **PROCEDE DE RECONSTRUCTION DE PEAU**
[72] CASOLI, VINCENT, FR
[72] CARIO-ANDRE, MURIEL, FR
[72] LEPIVERT, JEAN-CHRISTOPHE, FR
[71] UNIVERSITE DE BORDEAUX, FR
[71] INSERM, FR
[71] CENTRE HOSPITALIER UNIVERSITAIRE DE BORDEAUX, FR
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[54] **EQUIVALENT DE PEAU ET UTILISATION**
[72] CASOLI, VINCENT, FR
[72] CARIO-ANDRE, MURIEL, FR
[72] LEPIVERT, JEAN-CHRISTOPHE, FR
[71] UNIVERSITE DE BORDEAUX, FR
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[54] **INTEGRATED TRANSCEIVER WITH FOCUSING ANTENNA**
[54] **EMETTEUR-RECEPTEUR INTEGRE A ANTENNE DE FOCALISATION**
[72] WEILER, RICHARD JURGEN, DE
[72] KEUSGEN, WILHELM, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **DERIVATIVES OF 2-AMINOPYRIDINE AS ADENOSINE A2B RECEPTOR ANTAGONISTS AND LIGANDS OF THE MELATONIN MT3 RECEPTORS**
[54] **DERIVES DE 2-AMINOPYRIDINE EN TANT QU'ANTAGONISTES DU RECEPTEUR A2B DE L'ADENOSINE ET LIGANDS DES RECEPTEURS MT3 DE LA MELATONINE**
[72] CASTRO- PALOMINO LARIA, JULIO CESAR, ES
[72] CAMACHO GOMEZ, JUAN ALBERTO, ES
[72] MENDOZA LIZALDEZ, ADELA, ES
[71] PALOBIOFARMA, S.L., ES
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[54] **CAPSULE POURVUE D'UN ELEMENT FILTRANT RELIE PAR SCELLAGE**
[72] EMPL, GUNTER, DE
[72] THROM, ANDRE, DE
[72] HANISCH, MARCO, DE
[71] K-FEE SYSTEM GMBH, DE
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[54] **PROTEINES DE LIAISON A LA TSLP**
[72] AHMED, FARHEEN, GB
[72] BARTHOLOMEW, MICHELLE ANNE, GB
[72] DELLA CRISTINA, PIETRO, GB
[72] DIMECH, CAROLINE, GB
[72] MORLEY, PETER, GB
[72] SHAH, RACHANA SHAILESH, GB
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[54] **FORME POSOLOGIQUE DISPERSIBLE**
[72] WAGNER-HATTLER, LEONIE, CH
[72] PUCHKOV, MAXIM, CH
[72] HUWYLER, JORG, CH
[72] STIRNIMANN, TANJA, CH
[72] DIAZ QUIJANO, CAROLINA, CH
[72] SCHOELKOPF, JOACHIM, CH
[72] GANE, PATRICK A.C., CH
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[54] **PARTICULES DE MICROGEL**
[72] DE KRUIF, JAN KENDALL, FR
[72] GAROFALO, CARLA, CH
[72] LEDERGERBER, GISELA, CH
[72] KUENTZ, MARTIN, CH
[72] BRAVO GONZALEZ, ROBERTO CARLOS, CH
[72] OLIVEIRA VARUM, FELIPE JOSE, CH
[71] TILLOTTS PHARMA AG, CH
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[54] **COMPOSES DE QUINOLEINE**
[72] GRAMMENOS, WASSILIOS, DE
[72] BOUDET, NADEGE, DE
[72] MUELLER, BERND, DE
[72] WOLF, ANTJE, DE
[72] ESCRIBANO CUESTA, ANA, DE
[72] CAMBEIS, ERICA, DE
[72] LOHMANN, JAN KLAAS, DE
[72] GROTE, THOMAS, DE
[72] KRETSCHMER, MANUEL, US
[72] HADEN, EGON, DE
[72] FEHR, MARCUS, DE
[71] BASF SE, DE
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[25] EN
[54] **COMBINATION THERAPY WITH COAGULATION FACTORS AND MULTISPECIFIC ANTIBODIES**
[54] **POLYTHERAPIE AVEC DES FACTEURS DE COAGULATION ET DES ANTICORPS POLYSPECIFIQUES**
[72] CALATZIS, ANDREAS, CH
[72] LECHNER, KATHARINA, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] **LIGHT FIELD METADATA**
[54] **METADONNEES DE CHAMP LUMINEUX**
[72] BOISSON, GUILLAUME, FR
[72] SEIFI, MOZHDEH, FR
[72] VANDAME, BENOIT, FR
[72] SABATER, NEUS, FR
[71] THOMSON LICENSING, FR
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[54] **CODAGE ET DECODAGE D'ENSEMBLES DE DONNEES NUMERIQUES**
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[72] VAN DAELE, BERT, BE
[71] AURO TECHNOLOGIES NV, BE
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[54] **COMPOSES GEM DIFLUORES A TITRE D'AGENTS DE DEPIGMENTATION OU D'ECLAIRCISSEMENT**
[72] DELIENCOURT-GODEFROY, GERALDINE, FR
[72] LOPES, LENAIG, FR
[71] TFCHEM, FR
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[54] **PRODUCTION BIOCATALYTIQUE DE L-FUCOSE**
[72] NAVICKAS, VAIDOTAS, DE
[72] BREUER, MICHAEL, DE
[72] PUHL, MICHAEL, DE
[72] WEINGARTEN, MELANIE, DE
[72] BALDENIUS, KAI-UWE, DE
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[54] **COMPOSES POUR AMELIORER LA DEMI-VIE DU FACTEUR DE WILLEBRAND**
[72] MOSES, MICHAEL, DE
[72] SCHULTE, STEFAN, DE
[72] DICKNEITE, GERHARD, DE
[72] KALINA, UWE, DE
[72] PESTEL, SABINE, DE
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[54] **PROCEDE ET SYSTEME POUR TRAITER DES COMPOSANTS ORGANIQUES CONTENANT DE LA BOUE LIQUIDE**
[72] ESSING, GERARDUS CORNELIS OTTO BERNARD, NL
[72] HENDRY, DOUGLAS SCOTT, US
[71] SCW SYSTEMS B.V., NL
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[54] **THERMOCHEMICAL-BASED ANTIBODY INACTIVATION METHODS AND SYSTEMS**
[54] **PROCEDES ET SYSTEMES D'INACTIVATION D'ANTICORPS A BASE THERMOCHIMIQUE**
[72] HUBBARD, ANTONY, US
[72] JONES, TOBIN, US
[72] TANG, LEI, US
[72] ZHANG, WENJUN, US
[71] VENTANA MEDICAL SYSTEMS, INC., US
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[25] EN
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[54] **SONIFICATION DANS UN PROCEDE DE SYNTHESE D'UREE OU DE MELAMINE**
[72] RIZZI, ENRICO, IT
[71] CASALE SA, CH
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[54] **COATING DEVICE COMPRISING AN ADJUSTABLE TEAR-OFF EDGE**
[54] **DISPOSITIF DE REVETEMENT COMPRENANT UNE ARETE DE RUPTURE AJUSTABLE**
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[71] JOSEF SCHIELE OHG, DE
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[54] **METHODS FOR ENHANCING THE SPECIFIC UPTAKE OF BOTULINUM NEUROTOXINS INTO CELLS**
[54] **METHODES D'AMELIORATION DU CAPTAGE SPECIFIQUE DE NEUROTOXINES BOTULINIQUES DANS DES CELLULES**
[72] JATZKE, CLAUDIA, DE
[72] EISELE, KARL-HEINZ, DE
[72] MANDER, GERD, DE
[72] FINK, KLAUS, DE
[71] MERZ PHARMA GMBH & CO. KGAA, DE
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[25] EN
[54] **RECOMBINANT MICROORGANISM FOR IMPROVED PRODUCTION OF FINE CHEMICALS**
[54] **MICRO-ORGANISME RECOMBINANT POUR LA PRODUCTION AMELIOREE DE PRODUITS CHIMIQUES FINS**
[72] JAITZIG, JENNIFER, US
[72] KUMAR, MUKESH, US
[72] RATANI, SHAKIR SIRAJ, US
[72] BLANKSCHIEN, MATTHEW DAVID, US
[72] WANG, QINGZHAO, US
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[25] EN
[54] **PEPTIDYL NITRIL COMPOUNDS AS DIPEPTIDYL PEPTIDASE I INHIBITORS**
[54] **COMPOSES DE PEPTIDYL-NITRILE EN TANT QU'INHIBITEURS DE LA DIPEPTIDYL-PEPTIDASE I**
[72] LAURITZEN, CONNI, DK
[72] PEDERSEN, JOHN, DK
[71] PROZYMEX A/S, DK
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[54] **PROCEDE A RENDEMENT ELEVE POUR LE DEGAZAGE DE SULFURE D'HYDROGENE CONTENU DANS DU SOUFRE LIQUIDE**
[72] NASATO, ELMO, CA
[72] BELA, FRANK, US
[72] DEWEES, BILL, US
[72] CHRISTIE, LANCE, GB
[72] POLLITT, STEPHEN, GB
[72] STREET, ROBIN, GB
[72] EVANS, DAVID, GB
[71] WORLEYPARSONS EUROPE LTD., GB
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[25] EN
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[54] **PROCEDE POUR LA COMMUNICATION DE LIAISON MONTANTE DANS UN RESEAU CELLULAIRE LTE**
[72] BREUER, VOLKER, DE
[72] WEHMEIER, LARS, DE
[72] ULRICH, THOMAS, DE
[71] GEMALTO M2M GMBH, DE
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[54] **PANIER DE FILTRAGE A BARRETTES**
[72] MICKELAT, THOMAS, DE
[72] REINSTEIN, MICHAEL, DE
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[54] **DETERMINATION DE TENEUR EN PETROLE DE MATIERES SOLIDES RECUPEREES A PARTIR D'UN PUITS DE FORAGE**
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[72] JAMISON, DALE E., US
[72] MCDANIEL, CATO RUSSELL, US
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[54] **UTILISATION DE POLYPHENOL POUR DIMINUER UN RETARD DE CROISSANCE**
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[72] VAN KEMPEN, THEO A.T.G., NL
[71] NUTRECO NEDERLAND B.V., NL
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[72] SCHNEIDERS, HANS, NL
[72] WETZELS, KAREL JOZEF, NL
[72] MEUWISSEN, MICHAEL HUBERTUS HELENA, NL
[71] DSM IP ASSETS B.V., NL
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[25] EN
[54] **APPARATUS AND METHOD FOR CONTROLLING THE DYNAMIC COMPRESSOR AND METHOD FOR DETERMINING AMPLIFICATION VALUES FOR A DYNAMIC COMPRESSOR**
[54] **DISPOSITIF ET PROCEDE POUR L'EXCITATION D'UN COMPRESSEUR DE DYNAMIQUE ET PROCEDE POUR DETERMINER DES VALEURS D'AMPLIFICATION POUR UN COMPRESSEUR DE DYNAMIQUE**
[72] OETTING, DIRK, DE
[72] HOHMANN, VOLKER, DE
[72] EWERT, STEPHAN D., DE
[72] APPELL, JENS EKKEHART, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[71] CARL VON OSSIETZKY UNIVERSITAT OLDENBURG, DE
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[54] **CONTAINER FOR PRESERVED FOOD WITH A FLEXIBLE BOTTOM, AND CORRESPONDING PRODUCTION METHOD**
[54] **BOITE DE CONSERVE A FOND SOUPLE ET PROCEDE DE FABRICATION CORRESPONDANT**
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[71] COMPAGNIE GENERALE DE CONSERVE, FR
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[54] **FACTEUR VON WILLEBRAND MODIFIE PRESENTANT UNE DEMI-VIE AMELIOREE**
[72] MOSES, MICHAEL, DE
[72] SCHULTE, STEFAN, DE
[72] DICKNEITE, GERHARD, DE
[72] KALINA, UWE, DE
[72] PESTEL, SABINE, DE
[72] WEIMER, THOMAS, DE
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[54] **OLIGONUCLEOTIDES CORRESPONDANT A L'EXON 73 DE COL7A1 POUR LA THERAPIE DE L'EPIDERMOLYSE BULLEUSE**
[72] HAISMA, ELISABETH MARLENE, NL
[72] POTMAN, MARKO, NL
[72] BEUMER, WOUTER, NL
[72] BRINKS, VERA, NL
[71] PROQR THERAPEUTICS II B.V., NL
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[54] **FORMATION DE FAISCEAU AU MOYEN D'UN AGENCEMENT D'ANTENNES**
[72] ATHLEY, FREDRIK, SE
[72] PETERSSON, SVEN, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[72] WELLINGS, DONALD A., GB
[71] SPHERITECH LTD, GB
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[54] **METHOD**
[54] **PROCEDE**
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[71] PCI BIOTECH AS, NO
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[54] **METHOD FOR PRODUCING AN EXTRACT OF A MATRIX OF VEGETABLE ORIGIN WITH A NON-IONIC AMPHIPHILIC COMPOUND AS EXTRACTION ADJUVANT IN AN AQUEOUS MEDIUM**
[54] **PROCEDE DE PREPARATION D'UN EXTRAIT DE MATRICE VEGETALE AVEC UN COMPOSE AMPHIPHILE NON IONIQUE COMME ADJUVANT D'EXTRACTION EN MILIEU AQUEUX**
[72] LETI, MATHIEU, FR
[72] MANDEAU, ANNE, FR
[71] PIERRE FABRE DERMO-COSMETIQUE, FR
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[54] **APPLICATION OF TIME AND DEPTH DERIVATIVE OF DISTRIBUTED TEMPERATURE SURVEY (DTS) IN EVALUATING DATA QUALITY AND DATA RESOLUTION**
[54] **APPLICATION DE DERIVEE DE TEMPS ET DE PROFONDEUR D'ETUDE DE TEMPERATURE REPARTIE (DTS) DANS L'EVALUATION DE QUALITE DE DONNEES ET DE RESOLUTION DE DONNEES**
[72] DUAN, HONGYAN, US
[72] JAASKELAINEN, MIKKO, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **APPLICATION OF DEPTH DERIVATIVE OF DISTRIBUTED TEMPERATURE SURVEY (DTS) TO IDENTIFY FLUID LEVEL AS A TOOL OF DOWN HOLE PRESSURE CONTROL**
[54] **APPLICATION DE DERIVE DE PROFONDEUR D'ETUDE DE TEMPERATURE REPARTIE (DTS) POUR IDENTIFIER UN NIVEAU DE FLUIDE EN TANT QU'OUTIL DE REGULATION DE PRESSION EN PROFONDEUR DE FORAGE**
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[72] JAASKELAINEN, MIKKO, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **OUTIL DE FOND DE PUITS ET SON PROCEDE DE FORMATION**
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[72] GILMOUR, DANIEL A., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[54] **METHOD AND APPARATUS FOR PRODUCING A CONTAINER CARRIER**
[54] **PROCEDE ET APPAREIL POUR PRODUIRE UN SUPPORT POUR RECIPIENTS**
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[71] ILLINOIS TOOL WORKS INC., US
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[72] JIMENEZ VALERIO, GABRIELA, ES
[72] OCHOA DE OLZA, MARIA, ES
[72] NAVARRO PEREZ, VALENTI, ES
[72] BASSANI, NICKLAS, ES
[72] VERDAGUER, HELENA, ES
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[54] **SYSTEME D'INTRODUCTION D'UN IMPLANT**
[72] HENKES, HANS, DE
[72] MONSTADT, HERMANN, DE
[72] HANNES, RALF, DE
[72] ROLLA, STEFAN, DE
[72] SALIN, MANUEL, DE
[71] PHENOX GMBH, DE
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[54] **LYMPHOCYTES T CD4+ PRODUCTEURS DE IL-10 ET LEURS UTILISATIONS**
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[72] RONCAROLO, MARIA GRAZIA, IT
[71] FONDAZIONE TELETHON, IT
[71] OSPEDALE SAN RAFFAELE SRL, IT
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[25] EN
[54] **EUKARYOTIC EXPRESSION VECTORS COMPRISING REGULATORY ELEMENTS OF THE GLOBIN GENE CLUSTERS**
[54] **VECTEURS D'EXPRESSION EUCARYOTE COMPRENANT DES ELEMENTS REGULATEURS DES GROUPES DE GENES DE GLOBINES**
[72] GOLETZ, STEFFEN, DE
[72] JAHN, DOREEN, DE
[72] DANIELCZYK, ANTJE, DE
[71] GLYCOTOPE GMBH, DE
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[54] **BIOMARQUEURS PREDICTIFS DE LA REPONSE CLINIQUE A UN TRAITEMENT PAR IMMUNOGLOBULINE ANTI-LPS**
[72] SPROTTE, GUNTER, DE
[72] WAAGA-GASSER, ANA MARIA, DE
[71] IGNOVA GMBH, DE
[71] JULIUS-MAXIMILIANS-UNIVERSITAT WURZBURG, DE
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[54] **CONVERTIBLE SURGICAL TISSUE STAPLERS AND APPLICATIONS USING THEREOF**
[54] **AGRAFEUSES CHIRURGICALES CONVERTIBLES POUR TISSU ET APPLICATIONS ASSOCIEES**
[72] ROBINSON, SIMON, IL
[72] LOITNER, INBAL, IL
[72] BACHAR, YEHUDA, IL
[72] WINSHTEIN, RONNY, IL
[71] STEPWISE LTD, IL
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[25] EN
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[54] **SURVEILLANCE DE CONTRAINTES DISTRIBUEE POUR OUTILS DE FOND DE TROU**
[72] DUNCAN, ROGER GLEN, US
[72] CLARKE, COLIN M., US
[72] BABAR, ASAD, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[54] **ENSEMBLE COUVERCLE DE SOUPAPE HYDRAULIQUE**
[72] DEEL, STEVEN K., US
[71] NABORS INDUSTRIES INC., US
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[25] EN
[54] **USE OF SUBSTITUTED 2,3-DIHYDROIMIDAZO[1,2-C]QUINAZOLINES**
[54] **UTILISATION DE 2,3-DIHYDROIMIDAZO[1,2-C]QUINAZOLINES SUBSTITUEES**
[72] LIU, NINGSHU, DE
[72] PENA, CAROL, US
[72] JEFFERS, MICHAEL, US
[72] GENVRESSE, ISABELLE, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[71] BAYER HEALTHCARE PHARMACEUTICALS INC., US
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[25] EN
[54] **FUSION PROTEINS COMPRISING A BINDING PROTEIN AND AN INTERLEUKIN-15 POLYPEPTIDE HAVING A REDUCED AFFINITY FOR IL15R.ALPHA. AND THERAPEUTIC USES THEREOF**
[54] **PROTEINES DE FUSION COMPRENANT UNE PROTEINE DE LIAISON ET UN POLYPEPTIDE INTERLEUKINE-15 AYANT UNE AFFINITE REDUITE POUR IL15R.ALPHA., ET LEURS USAGES THERAPEUTIQUES**
[72] GUNDRAM, JUNG, DE
[72] SALIH, HELMUT, DE
[72] LINDNER, CORNELIA, DE
[72] LOCHMANN, BERIT, DE
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM, DE
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[25] EN
[54] **AUDIO ENCODER FOR ENCODING A MULTICHANNEL SIGNAL AND AUDIO DECODER FOR DECODING AN ENCODED AUDIO SIGNAL**
[54] **CODEUR AUDIO POUR CODER UN SIGNAL MULTICANAL, ET DECODEUR AUDIO POUR DECODER UN SIGNAL AUDIO CODE**
[72] DISCH, SASCHA, DE
[72] FUCHS, GUILLAUME, DE
[72] RAVELLI, EMMANUEL, DE
[72] NEUKAM, CHRISTIAN, DE
[72] SCHMIDT, KONSTANTIN, DE
[72] BENNDORF, CONRAD, DE
[72] NIEDERMEIER, ANDREAS, DE
[72] SCHUBERT, BENJAMIN, DE
[72] GEIGER, RALF, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[25] EN
[54] **AUDIO ENCODER FOR ENCODING A MULTICHANNEL SIGNAL AND AUDIO DECODER FOR DECODING AN ENCODED AUDIO SIGNAL**
[54] **ENCODEUR AUDIO POUR ENCODER UN SIGNAL MULTI-CANAL, ET DECODEUR AUDIO POUR DECODER UN SIGNAL AUDIO ENCODE**
[72] DISCH, SASCHA, DE
[72] FUCHS, GUILLAUME, DE
[72] RAVELLI, EMMANUEL, DE
[72] NEUKAM, CHRISTIAN, DE
[72] SCHMIDT, KONSTANTIN, DE
[72] BENNDORF, CONRAD, DE
[72] NIEDERMEIER, ANDREAS, DE
[72] SCHUBERT, BENJAMIN, DE
[72] GEIGER, RALF, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[30] EP (15158233.5) 2015-03-09
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[51] **Int.Cl. G10L 19/02 (2013.01)**
[25] EN
[54] **AUDIO ENCODER, AUDIO DECODER, METHOD FOR ENCODING AN AUDIO SIGNAL AND METHOD FOR DECODING AN ENCODED AUDIO SIGNAL**
[54] **CODEUR AUDIO, DECODEUR AUDIO, PROCEDE DE CODAGE DE SIGNAL AUDIO, ET PROCEDE DE DECODAGE DE SIGNAL AUDIO CODE**
[72] EDLER, BERND, DE
[72] HELMRICH, CHRISTIAN, DE
[72] NEUENDORF, MAX, DE
[72] SCHUBERT, BENJAMIN, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[72] SCHUH, FLORIAN, DE
[72] RETTELBACH, NIKOLAUS, DE
[72] SCHWEGLER, TOBIAS, DE
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[54] **DECODEUR POUR DECODER UN SIGNAL AUDIO CODE ET CODEUR POUR CODER UN SIGNAL AUDIO**
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[72] EDLER, BERND, DE
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[54] **COMBINAISONS CONTENANT DES 2,3-DIHYDROIMIDAZO[1,2-C]QUINAZOLINE SUBSTITUEES**
[72] LIU, NINGSHU, DE
[72] PENA, CAROL, US
[72] JEFFERS, MICHAEL, US
[72] GENVRESSE, ISABELLE, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
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[54] **ANTICORPS MONOCLONAUX ANTI-CLAUDINE 1 POUR LA PREVENTION ET LE TRAITEMENT DU CARCINOME HEPATOCELLULAIRE**
[72] BAUMERT, THOMAS, DE
[72] ROBINET, ERIC, FR
[72] ZEISEL, MIRJAM, FR
[71] UNIVERSITE DE STRASBOURG, FR
[71] INSTITUT HOSPITALIER UNIVERSITAIRE DE STRASBOURG, FR
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[54] **CODAGE AUDIO ALIGNE PAR FRAGMENTS**
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[72] FUCHS, HARALD, DE
[72] HOFMANN, INGO, DE
[72] THOMA, HERBERT, DE
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[54] **PROCEDES D'INGENIERIE DE CELLULES T ALLOGENIQUES POUR AUGMENTER LEUR PERSISTANCE ET/OU LEUR GREFFE CHEZ DES PATIENTS**
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[72] CABANIOLS, JEAN-PIERRE, FR
[72] VALTON, JULIEN, US
[72] POIROT, LAURENT, FR
[71] CELLECTIS, FR
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[54] **METHODE DE CLASSIFICATION D'ESPECES TUMORALES REPOSANT SUR UNE METHYLATION DE L'ADN**
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[72] VON DEIMLING, ANDREAS, DE
[72] JONES, DAVID, DE
[72] CAPPER, DAVID, DE
[72] HOVESTADT, VOLKER, DE
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[72] BEWERUNGE-HUDLER, MELANIE, DE
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[71] RUPRECHT-KARLS-UNIVERSITAT HEIDELBERG, DE
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[54] **ANTICORPS DIRIGES CONTRE LES PROTEINES DE LIAISON A L'IMMUNOGLOBULINE DE S. AUREUS**
[72] NAGY, ESZTER, AT
[72] BADARAU, ADRIANA, AT
[72] ROUHA, HARALD, AT
[72] STULIK, LUKAS, AT
[72] MIRKINA, IRINA, AT
[72] BATTLES, MICHAEL B., US
[72] NIELSON, NELS, US
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[54] **ANTI-STAPHYLOCOCCUS AUREUS ANTIBODY COMBINATION PREPARATION**
[54] **PREPARATION D'UNE ASSOCIATION D'ANTICORPS ANTI-STAPHYLOCOQUE DORE**
[72] NAGY, ESZTER, AT
[72] BADARAU, ADRIANA, AT
[72] ROUHA, HARALD, AT
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[72] VISRAM, ZEHRA, AT
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[54] **METHOD FOR ISOLATING EXTRACELLULAR NUCLEIC ACIDS USING ANION EXCHANGE PARTICLES**
[54] **PROCEDE SERVANT A ISOLER DES ACIDES NUCLEIQUES EXTRACELLULAIRES A L'AIDE DE PARTICULES ECHANGEUSES D'ANION**
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[54] **EVALUATION DU RISQUE POUR OPERATIONS DE FORAGE ET DE COMPLETION DE PUITS**
[72] JONES, RICHARD, US
[71] HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY, US
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[72] BOLLINGTOFT, JACKIE, DK
[71] ERGOLASH PAT. APS, DK
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[54] **DURCISSEURS ET ACCELERATEURS DE DURCISSEMENT A EFFET IGNIFUGE POUR LE DURCISSEMENT DE RESINES EPOXY (II)**
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[72] EBNER, MARTIN, DE
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[72] KRAMMER, DORIS, DE
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[72] MUNZENBERGER, HERBERT, DE
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[72] THOMPSON, ROBERT WILLIAM, GB
[71] QINETIQ LIMITED, GB
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[72] TRAIL, STEPHAN, CH
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[54] **DISPOSITIF COMPACT DE MELANGE ET DE DISTRIBUTION COMBINE DE FLUIDES POUR UN REACTEUR CATALYTIQUE**
[72] BEARD, PHILIPPE, FR
[72] BAZER-BACHI, FREDERIC, FR
[72] PLAIS, CECILE, FR
[72] AUGIER, FREDERIC, FR
[72] HAROUN, YACINE, FR
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[54] **FORMULATION STABLE POUR L'ADMINISTRATION PARENTERALE DE TAPENTADOL**
[72] SCHILLER, MARC, DE
[72] VAN HEMELRIJCK, CARLOS, DE
[72] STRAUB, STEFANIE, DE
[72] WULSTEN, EVA CORNELIA, DE
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[54] **PUCES A POLYPEPTIDES ET PROCEDES DE FIXATION DE POLYPEPTIDES A UNE PUCE**
[72] RAJASEKARAN, JOHN J., US
[72] WANG, TIANHAO, US
[72] BEI, KANG, US
[72] JAYARAMAN, VASANTH, US
[72] KRISHNAMURTHY, HARI KRISHNAN, US
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[54] **SERVICES A LA CLIENTELE POUR DES SYSTEMES ET DES PROCESSUS DE GESTION DE CLE APPLIQUEE**
[72] WHITE, CHARLES, US
[72] EDWARDS, STEPHEN, US
[71] FORNETIX LLC, US
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[54] **AILETTE D'ECOULEMENT**
[72] KETTERMAN, GREGORY SCOTT, US
[72] CZARNOWSKI, JAMES TAYLOR, US
[72] KARDAS, JASON CHRISTOPHER, US
[72] DOW, PHILIP JAMES, US
[72] BRACKETT, DREW WILLIAM, US
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[72] MYERS, JOHN THOMAS, III, US
[71] HOBIE CAT COMPANY, A MISSOURI CORPORATION, US
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[54] **MILLING CUTTER COMPRISING A CUTTING EDGE DISPOSED ON THE PERIPHERY**
[54] **OUTIL DE FRAISAGE POURVU D'UNE DENT DE COUPE SUR SA PERIPHERIE**
[72] KNEBEL, ALEXANDER, DE
[71] ALBERT KNEBEL HOLDING GMBH, DE
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[54] **DISPOSITIF DE PERFUSION**
[72] AMON, BARBARA, DE
[72] BECKER, MICHAEL, DE
[71] FRESENIUS VIAL SAS, FR
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[54] **MACHINE DE STEREOLITHOGRAPHIE A UNITE OPTIQUE AMELIOREE**
[72] COSTABEBER, ETTORE MAURIZIO, IT
[71] COSTABEBER, ETTORE MAURIZIO, IT
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[72] BARTELS, BJOERN, DE
[72] DOLENTE, COSIMO, CH
[72] GUBA, WOLFGANG, DE
[72] HAAP, WOLFGANG, DE
[72] OBST SANDER, ULRIKE, CH
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[54] **SEQUENCES D'OLIGONUCLEOTIDES CIBLANT UN FACTEUR DE TRANSCRIPTION TSC22D4 POUR LE TRAITEMENT DE LA RESISTANCE A L'INSULINE**
[72] HERZIG, STEPHAN, DE
[72] BERRIEL DIAZ, MAURICIO, DE
[72] SCHAFMEIER, TOBIAS, DE
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES OFFENTLICHEN RECHTS, DE
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[54] **METHOD FOR CALIBRATING AN INFUSION DEVICE**
[54] **PROCEDE D'ETALONNAGE D'UN DISPOSITIF DE PERFUSION**
[72] AMON, BARBARA, DE
[72] BECKER, MICHAEL, DE
[71] FRESENIUS VIAL SAS, FR
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[54] **MULTIPLE VECTOR SYSTEM AND USES THEREOF**
[54] **SYSTEME DE VECTEURS MULTIPLES ET LEURS UTILISATIONS**
[72] COLELLA, PASQUALINA, IT
[72] AURICCHIO, ALBERTO, IT
[72] TRAPANI, IVANA, IT
[71] FONDAZIONE TELETHON, IT
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[54] **PRODUCTION DE SYNTHONS GLYCOSYLES PAR VOIE ENZYMATIQUE**
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[72] GRELIER, STEPHANE, FR
[72] GUIEYSSE, DAVID, FR
[72] LAFRAYA, ALVARO, FR
[72] MONSAN, PIERRE, FR
[72] MOULIS, CLAIRE, FR
[72] PERUCH, FREDERIC, FR
[72] REMAUD-SIMEON, MAGALI, FR
[72] VUILLEMIN, MARLENE, FR
[71] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA), FR
[71] INSTITUT NATIONAL DES SCIENCES APPLIQUEES DE TOULOUSE (INSAT), FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE DE BORDEAUX, FR
[71] INSTITUT POLYTECHNIQUE DE BORDEAUX, FR
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[54] **A DOWNHOLE WELL TUBULAR STRUCTURE**
[54] **STRUCTURE TUBULAIRE DE PUITS DE FOND DE TROU**
[72] HAZEL, PAUL, GB
[72] VASQUES, RICARDO REVES, DK
[72] KUMAR, SATISH, DK
[71] WELLTEC A/S, DK
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[54] **DISPOSITIF D'EJECTION POUR UN ELEMENT MOBILE DE MEUBLE**
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[71] HETTICH-ONI GMBH & CO. KG, DE
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[25] EN
[54] **IMPROVED ANTI-RUN DRY MEMBRANE**
[54] **MEMBRANE SECHE ANTI-COULURE AMELIOREE**
[72] STALEY, SHAUN, US
[72] WHITAKER, WESTON O., US
[72] LARSEN, JON, US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **IV MEMBRANE ATTACHMENT SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE FIXATION DE MEMBRANE IV**
[72] CLAAR, STEVEN, US
[72] MALLAY, KOHORNEH A., US
[72] STODDARD, BRENT R., US
[72] STALEY, SHAUN, US
[72] HORTIN, JUSTIN G., US
[71] BECTON, DICKINSON AND COMPANY, US
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[25] EN
[54] **SUBSTITUTED QUINOXALINE DERIVATIVES**
[54] **DERIVES DE QUINOXALINE SUBSTITUES**
[72] FABRITIUS, CHARLES-HENRY ROBERT YVES, PL
[72] NOWAK, MATEUSZ OKTAWIAN, PL
[72] WIKLIK, KATARZYNA ANNA, PL
[72] SABINIARZ, ALEKSANDRA BARBARA, PL
[72] BIEN, MARCIN DOMINIK, PL
[72] BUDA, ANNA MALGORZATA, PL
[72] GUZIK, PAWEL SZCZEPAN, PL
[72] JAKUBIEC, KRZYSZTOF ROMAN, PL
[72] MACIUSZEK, MONIKA, PL
[72] KWIECINSKA, KATARZYNA, PL
[72] TOMCZYK, MATEUSZ MICHAL, PL
[72] GALEZOWSKI, MICHAL MIKOLAJ, PL
[72] GONDELA, ANDRZEJ, PL
[72] DUDEK, LUKASZ PIOTR, PL
[71] SELVITA S.A., PL
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[54] **CYCLIC GALANIN-ANALOGS AND USES THEREOF**
[54] **ANALOGUES CYCLIQUES DE GALANINE ET UTILISATIONS CORRESPONDANTES**
[72] KUIPERS, ANNEKE, NL
[71] LANTHIOPEP B.V., NL
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[54] **BIOPOLYMER BLENDS AS EMULSION STABILIZERS**
[54] **MELANGES BIOPOLYMERES UTILISES EN TANT QUE STABILISATEURS D'EMULSION**
[72] RUSSELL, MICHAEL J., US
[72] HE, QIWEI, US
[72] THOMAIDES, JOHN SOCRATES, US
[72] MARTINO, GARY THEODORE, US
[72] TIROL, GLORIA CANSANAY, US
[71] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL
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[25] EN
[54] **BIOMARKERS FOR PREDICTING DEGREE OF WEIGHT LOSS IN FEMALE SUBJECTS**
[54] **MARQUEURS BIOLOGIQUES POUR PREDIRE LE DEGRE DE PERTE DE POIDS CHEZ LES FEMMES**
[72] IRINCHEEVA, IRINA, CH
[72] HAGER, JORG, FR
[72] DAYON, LOIC, CH
[72] COMINETTI, ORNELLA, CH
[71] NESTEC S.A., CH
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[25] EN
[54] **BIOMARKERS FOR PREDICTING DEGREE OF WEIGHT LOSS IN MALE SUBJECTS**
[54] **MARQUEURS BIOLOGIQUES POUR PREDIRE LE DEGRE DE PERTE DE POIDS CHEZ DES SUJETS MASCULINS**
[72] IRINCHEEVA, IRINA, CH
[72] HAGER, JORG, FR
[72] DAYON, LOIC, CH
[72] COMINETTI, ORNELLA, CH
[71] NESTEC S.A., CH
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[54] **POSTE D'ASSEMBLAGE DE TUYAU**
[72] DANEY, LAURENT, AE
[71] PETROFAC LTD., GB
[71] PETROFAC SERVICES LTD, GB
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[54] **DRAW-DOWN PRESSURE APPARATUS, SYSTEMS, AND METHODS**
[54] **APPAREIL, SYSTEMES ET PROCEDES DE PRESSION DE RABATTEMENT**
[72] SHEN, XINPU, US
[72] SHEN, GUOYANG, US
[72] STANDIFIRD, WILLIAM, US
[71] LANDMARK GRAPHICS CORPORATION, US
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[54] **SYSTEME D'ETANCHEITE POLYMETALLIQUE**
[72] NGUYEN, DENNIS P., US
[71] CAMERON INTERNATIONAL CORPORATION, US
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[54] **RESTORATION DENTAL IMPLANT SYSTEM AND METHOD**
[54] **SYSTEME D'IMPLANT DENTAIRE DE RESTAURATION ET PROCEDE CORRESPONDANT**
[72] DAFTARY, FEREIDOUN, US
[72] ODED, BAHAT, US
[71] DAFTARY, FEREIDOUN, US
[71] ODED, BAHAT, US
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[54] **SYSTEM FOR OPTIONAL DYNAMIC POSITIONING A SKI BINDING**
[54] **SYSTEME DE POSITIONNEMENT DYNAMIQUE FACULTATIF DE FIXATION DE SKI**
[72] AANES, OYVIND, NO
[72] GOVERUD-HOLM, THOMAS, NO
[72] SVENDSEN, OYVAR, NO
[72] SEINESS, HAKON JOHAN, NO
[72] GRONLI, OIVIND, NO
[72] RA, ODD OYSTEIN, NO
[72] WOLLO, EVEN, NO
[71] ROTTEFELLA AS, NO
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[54] **HIGH EFFICIENCY COMMERCIAL FRYER**
[54] **FRITEUSE INDUSTRIELLE A RENDEMENT ELEVE**
[72] SHIRALI, MANOUCHEHR, US
[72] SCOTT, SHAWN, US
[72] BAO, AINAN, US
[72] GLANVILLE, PAUL, US
[72] WILKS, STEPHEN L., US
[71] HENNY PENNY CORPORATION, US
[71] GAS TECHNOLOGY INSTITUTE, US
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[25] EN
[54] **COMPOSITIONS FOR THE TREATMENT OF FIBROSIS AND FIBROSIS-RELATED CONDITIONS**
[54] **COMPOSITIONS POUR LE TRAITEMENT DE LA FIBROSE ET D'ETATS ASSOCIES A LA FIBROSE**
[72] DUGGAN, KAREN ANNETTE, AU
[71] VECTUS BIOSYSTEMS LIMITED, AU
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[54] **VEHICULE A PROLONGATEUR D'AUTONOMIE**
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[71] TECHNOLOGIES' XANADU OF RESONATORY-SOLAR-SYSTEMED CO., LTD, CN
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[25] FR
[54] **METHOD AND DEVICE FOR FIREPROOFING A COMPOSITE MATERIAL PART**
[54] **PROCEDE ET DISPOSITIF DE PROTECTION AU FEU D'UNE PIECE EN MATERIAU COMPOSITE**
[72] LANDAIS, FABRICE, FR
[72] SOUBELET, DOMINIQUE, FR
[71] DAHER AEROSPACE, FR
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[54] **MICROORGANISMS AND USE THEREOF FOR THE PRODUCTION OF DIACIDS**
[54] **MICROORGANISMES ET LEUR UTILISATION POUR LA PRODUCTION DE DIACIDES**
[72] THEVENIEAU, FRANCE, FR
[72] NICAUD, JEAN-MARC, FR
[72] SAUVEPLANE, VINCENT, FR
[72] GAMBOA-MELENDEZ, HEBER, FR
[72] MORIN, NICOLAS, FR
[71] FONDS DE DEVELOPPEMENT DES FILIERES DES OLEAGINEUX ET DES PROTEAGINEUX FIDOP, FR
[71] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA), FR
[85] 2017-09-11
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[51] **Int.Cl. B21D 7/16 (2006.01) B21D 7/025 (2006.01)**
[25] EN
[54] **METHOD FOR INDUCTION BEND FORMING A COMPRESSION-RESISTANT PIPE HAVING A LARGE WALL THICKNESS AND A LARGE DIAMETER, AND INDUCTION PIPE BENDING DEVICE**
[54] **PROCEDE DE CINTRAGE PAR INDUCTION D'UN TUBE RESISTANT A LA PRESSION DE GRANDE EPAISSEUR DE PAROI ET DE GRAND DIAMETRE ET DISPOSITIF DE CINTRAGE PAR INDUCTION**
[72] SCHAFER, AUGUST WILHELM, DE
[71] AWS SCHAFER TECHNOLOGIE GMBH, DE
[85] 2017-09-12
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[54] **REMOTE FUEL PUMP DEACTIVATION FOR A VEHICLE**
[54] **DESACTIVATION DE POMPE A CARBURANT POUR UN VEHICULE**
[72] DOHERTY, MICHAEL, IE
[72] KEHOE, STEPHEN, IE
[72] FAGAN-GUIMOND, TRISTAN, IE
[71] TRACKNSTOP LIMITED, IE
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[25] EN
[54] **CRISPY FOODSTUFF**
[54] **PRODUIT ALIMENTAIRE CROUSTILLANT**
[72] BEZEMER, KAREL JOHANNES, NL
[71] FOOD COMPOUNDS BV, NL
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[51] **Int.Cl. C04B 28/02 (2006.01) C04B 28/00 (2006.01) C04B 28/04 (2006.01) C04B 28/08 (2006.01) C04B 28/18 (2006.01) C04B 28/26 (2006.01) C04B 40/00 (2006.01)**
[25] EN
[54] **RETARDING MIXTURE FOR ALKALI-ACTIVATED BINDING AGENTS**
[54] **MELANGE RETARDATEUR POUR LIANTS ACTIVES PAR ALCALI**
[72] BLAUM, PETER, DE
[72] BULLERJAHN, FRANK, DE
[72] ZAJAC, MACIEJ, DE
[71] HEIDELBERGCEMENT AG, DE
[85] 2017-09-12
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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/593 (2006.01) A61K 31/661 (2006.01)**
[25] EN
[54] **MICRONEEDLE PATCH FOR DELIVERING AN ACTIVE INGREDIENT TO SKIN**
[54] **TIMBRE A MICRO-AIGUILLES POUR ADMINISTRATION D'UN PRINCIPE ACTIF A LA PEAU**
[72] PETERSSON, KARSTEN, DK
[72] ENGELL, KAREN MARGRETHE, DK
[72] JANSSON, JORGEN, DK
[72] NIELSEN, KIM TROENSEGAARD, DK
[72] ERIKSSON, ANDRE HUSS, DK
[72] MOORE, ANNE, IE
[72] VUCEN, SONJA, IE
[72] O'SULLIVAN, CAROLINE, IE
[72] CREAN, ABINA, IE
[71] LEO PHARMA A/S, DK
[85] 2017-09-12
[86] 2016-03-16 (PCT/EP2016/025026)
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[30] EP (15161262.9) 2015-03-27
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[25] EN
[54] **STAND WITH MAGNETIC RETENTION FOR PORTABLE DEVICES**
[54] **SUPPORT AVEC RETENTION MAGNETIQUE POUR DISPOSITIFS PORTABLES**
[72] ALDRICH, STUART RIPLEY, US
[71] ERGOTRON, INC., US
[85] 2017-09-06
[86] 2016-03-16 (PCT/US2016/022650)
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[30] US (62/134,103) 2015-03-17

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[54] **BETA-HAIRPIN PEPTIDOMIMETICS**
[54] **PEPTIDOMIMETIQUES EN EPINGLE A CHEVEUX BETA**
[72] OBRECHT, DANIEL, CH
[72] LUTHER, ANATOL, DE
[72] BERNARDINI, FRANCESCA, FR
[72] ZBINDEN, PETER, CH
[72] LEDERER, ALEXANDER, CH
[71] POLYPHOR AG, CH
[85] 2017-09-12
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[25] EN
[54] **CIRCUIT ARRANGEMENT FOR REDUCING A MAGNETIC UNIDIRECTIONAL FLUX COMPONENT IN THE CORE OF A TRANSFORMER**
[54] **ENSEMBLE CIRCUIT SERVANT A DIMINUER UNE COMPOSANTE CONTINUE D'UN FLUX MAGNETIQUE DANS LE NOYAU D'UN TRANSFORMATEUR**
[72] HAMBERGER, PETER, AT
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2017-09-12
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[51] **Int.Cl. F01D 9/04 (2006.01) F01D 25/24 (2006.01)**
[25] FR
[54] **TURBINE RING ASSEMBLY COMPRISING A PLURALITY OF RING SECTORS MADE FROM CERAMIC MATRIX COMPOSITE MATERIAL**
[54] **ENSEMBLE D'ANNEAU DE TURBINE COMPRENANT UNE PLURALITE DE SECTEURS D'ANNEAU EN MATERIAU COMPOSITE A MATRICE CERAMIQUE**
[72] GROLEAU, CLAIRE, FR
[72] LEPRETRE, GILLES, FR
[72] VOLAND, ETIENNE, FR
[72] TESSON, THIERRY, FR
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[54] **FORMULATIONS CONCENTREES DE SUSPENSIONS DE NATAMYCINE**
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[72] BELKIND, BENJAMIN A., US
[72] NAIR, AYYAPPAN, US
[72] VENBURG, GREGORY D., US
[72] FASSEL, ROBERT, US
[72] KIM, YONG-KI, US
[71] VALENT BIOSCIENCES LLC, US
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[54] **BIJOU PERSONNALISABLE**
[72] AMBROSE, NICHOLAS LIETH, GB
[71] AMBROSE, NICHOLAS LIETH, GB
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[54] **PROCEDE DE NETTOYAGE ET DE STOCKAGE D'UN TAMBOUR DE MOULE**
[72] VERHOEVEN, MARTINUS JOHANNES WILHELMUS, NL
[72] DE BIJL, ANDREAS LEONARDUS, NL
[71] GEA FOOD SOLUTIONS BAKEL B.V., NL
[85] 2017-09-12
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[54] **CHAMP ELECTROMAGNETIQUE PULSE**
[72] HENRY, WILLIAM J, GB
[72] WOLF-GARRAWAY, RICHARD, GB
[71] OPTIBIO LIMITED, GB
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[54] **VERIFICATION DE LA FORCE DE FREINAGE D'UN FREIN D'ASCENSEUR**
[72] ZHOU, JOE, CN
[71] INVENTIO AG, CH
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[54] **ADJUSTING DEVICE FOR ADJUSTING A ROTOR BLADE OF A WIND TURBINE**
[54] **DISPOSITIF DE REGLAGE POUR REGLER UNE PALE DE ROTOR D'EOLIENNE**
[72] EDEN, GEORG, DE
[71] WOBBEN PROPERTIES GMBH, DE
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[25] EN
[54] **A SYSTEM FOR INDOOR CULTIVATION OF PLANTS WITH SIMULATED NATURAL LIGHTING CONDITIONS**
[54] **SYSTEME DE CULTURE EN INTERIEUR DE PLANTES DANS DES CONDITIONS D'ECLAIRAGE NATUREL SIMULE**
[72] KOP, MENACHEM, IL
[71] ROKEHA LTD., IL
[85] 2017-09-12
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[54] **COMMUNICATION APPARATUS AND COMMUNICATION METHOD**
[54] **DISPOSITIF ET PROCEDE DE COMMUNICATION**
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[72] MORIOKA, YUICHI, JP
[72] ITAGAKI, TAKESHI, JP
[71] SONY CORPORATION, JP
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[54] **COMMUNICATION APPARATUS AND COMMUNICATION METHOD**
[54] **DISPOSITIF DE COMMUNICATION ET PROCEDE DE COMMUNICATION**
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[72] SUGAYA, SHIGERU, JP
[72] YAMAURA, TOMOYA, JP
[72] ITAGAKI, TAKESHI, JP
[71] SONY CORPORATION, JP
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[54] **ENDOSCOPE ELECTRO-PNEUMATIC ADAPTOR**
[54] **ADAPTATEUR ELECTRO-PNEUMATIQUE D'ENDOSCOPE**
[72] TERLIUC, GAD, IL
[72] LURIA, GILAD, IL
[72] POTASH, AMNON, IL
[71] SMART MEDICAL SYSTEMS LTD., IL
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[25] EN
[54] **DEW POINT AND CARRY-OVER MONITORING**
[54] **SURVEILLANCE DE POINT DE ROSEE ET DE VAPOENTRAINEMENT**
[72] DUPUY, PABLO MATIAS, NO
[72] FAANES, AUDUN, NO
[72] NILSSEN, ODDBJORN REKAA, NO
[72] LOKKEN, TORBJORN VEGARD, NO
[71] STATOIL PETROLEUM AS, NO
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[25] EN
[54] **SEMICONDUCTOR LASER LIGHT SOURCE DEVICE, SEMICONDUCTOR LASER LIGHT SOURCE SYSTEM, AND IMAGE DISPLAY DEVICE**
[54] **DISPOSITIF SOURCE DE LUMIERE LASER A SEMI-CONDUCTEUR, SYSTEME SOURCE DE LUMIERE LASER A SEMI-CONDUCTEUR ET DISPOSITIF D'AFFICHAGE D'IMAGE**
[72] MURAI, HIDEYUKI, JP
[72] HIROSE, TATSURO, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
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[54] **WIRELESS PATIENT CARE SYSTEM AND METHOD**
[54] **SYSTEME SANS FIL POUR LES SOINS AUX PATIENTS, ET PROCEDE**
[72] VADDEPALLY, SRINATH, US
[72] BHAT, AMEYA, US
[72] BAI, YICHENG, US
[71] RISTCALL LLC, US
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[25] EN
[54] **BUBBLING FLUIDIZED BED COMBUSTION DEVICE AND METHOD FOR MONITORING THE FLUIDIZED BED IN SUCH A COMBUSTION DEVICE**
[54] **DISPOSITIF DE COMBUSTION A LIT FLUIDISE A BULLES ET PROCEDE DE SURVEILLANCE DE LIT FLUIDISE DANS UN TEL DISPOSITIF DE COMBUSTION**
[72] BADIEI, SHAHRIAR, SE
[71] VATTENFALL AB, SE
[85] 2017-09-12
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[25] EN
[54] **ALLERGY VACCINE COMPOSITION**
[54] **COMPOSITION VACCINALE CONTRE LES ALLERGIES**
[72] MATSUSHITA, KYOHEI, JP
[72] FUKASAKA, MASAHIRO, JP
[72] SHISHIDO, TAKUYA, JP
[72] ASARI, DAISUKE, JP
[72] OKUBO, KATSUYUKI, JP
[72] HORI, MITSUHIKO, JP
[71] NITTO DENKO CORPORATION, JP
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[25] EN
[54] **METHOD AND APPARATUS FOR CONTINUOUSLY PROCESSING CONDUCTOR CABLE FOR DISPOSAL OR RECYCLING**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT EN CONTINU DE CABLE CONDUCTEUR EN VUE DE LA MISE AU REBUT OU DU RECYCLAGE**
[72] WABNEGGER, DAVID KARL, CA
[72] PALMER, ROBERT WAYNE, US
[72] GREER, JODY MILTON, US
[72] BOUDREAU, MICHAEL HOWARD, CA
[71] QUANTA ASSOCIATES, L.P., US
[85] 2017-09-12
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[54] **APPARATUS**
[54] **APPAREIL**
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[71] SONY CORPORATION, JP
[85] 2017-09-12
[86] 2016-02-10 (PCT/JP2016/054020)
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[25] EN
[54] **SUPPORT CARBON MATERIAL AND CATALYST FOR SOLID POLYMER TYPE FUEL CELL USE**
[54] **MATERIAU DE CARBONE DE SUPPORT ET CATALYSEUR DESTINES A UNE UTILISATION DANS UNE PILE A COMBUSTIBLE DE TYPE A POLYMERE SOLIDE**
[72] FURUKAWA, SHINYA, JP
[72] IIJIMA, TAKASHI, JP
[72] HIYOSHI, MASATAKA, JP
[72] MATSUMOTO, KATSUMASA, JP
[72] NEGI, NORIYUKI, JP
[72] HAYASHIDA, HIROYUKI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[71] NIPPON STEEL & SUMIKIN CHEMICAL CO., LTD., JP
[85] 2017-09-12
[86] 2016-03-03 (PCT/JP2016/056657)
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[30] JP (2015-064971) 2015-03-26

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[25] EN
[54] **COMPOSITIONS THAT METABOLIZE OR SEQUESTER FREE SUGAR MONOMERS AND USES THEREOF**
[54] **COMPOSITIONS QUI METABOLISENT OU PIEGENT LES MONOMERES GLUCIDIQUES LIBRES ET LEURS UTILISATIONS**
[72] KYLE, DAVID, US
[72] MILLS, DAVID, US
[72] LEBRILLA, CARLITO, US
[72] FREEMAN-SHARKEY, SAMARA, US
[72] FRESE, STEVEN, US
[71] EVOLVE BIOSYSTEMS INC., US
[85] 2017-09-12
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[51] **Int.Cl. H01M 8/1004 (2016.01) H01M 4/86 (2006.01) H01M 4/92 (2006.01)**
[25] EN
[54] **DESIGN OF SMART-MEAS FOR HIGH POWER FUEL CELLS**
[54] **CONCEPTION D'AME INTELLIGENTS POUR PILES A COMBUSTIBLE DE PUISSANCE ELEVEE**
[72] SEROV, ALEXEY, US
[72] ATANASSOV, PLAMEN B, US
[71] STC.UNM, US
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[25] EN
[54] **PRODUCT DIVERSION MANAGEMENT**
[54] **GESTION DU DETOURNEMENT DE PRODUITS**
[72] LANE, SANFORD, US
[71] ALUMIER EUROPE LIMITED, MT
[85] 2017-09-12
[86] 2016-03-11 (PCT/IB2016/000376)
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[25] EN
[54] **PROCESS FOR RECOVERING VALUE METALS FROM ORE**
[54] **PROCEDE DE RECUPERATION DE METAUX DE VALEUR A PARTIR D'UN MINERAI**
[72] FILMER, ANTHONY OWEN, AU
[72] ALEXANDER, DANIEL JOHN, GB
[71] ANGLO AMERICAN SERVICES (UK) LTD, GB
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[54] **ASSEMBLY OF COMPONENTS WITH DATUM FEATURES**
[54] **ENSEMBLE DE COMPOSANTS AVEC REFERENCES REELLES**
[72] REGNAULT, LAURENT, CA
[72] ILIOPOULOS, ALEXANDROS, CA
[72] SIROIS, SEBASTIEN, CA
[71] BOMBARDIER INC., CA
[85] 2017-09-12
[86] 2016-03-10 (PCT/IB2016/051380)
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[25] EN
[54] **MALEATED NATURAL OIL DERIVATIVES AS AGROCHEMICAL INERT INGREDIENTS**
[54] **UTILISATION DE DERIVES D'HUILE NATURELLE MALEATES COMME INGREDIENTS AGROCHIMIQUES INERTES**
[72] MEREDITH, MATTHEW T., US
[71] HUNTSMAN PETROCHEMICAL LLC, US
[85] 2017-09-12
[86] 2016-03-17 (PCT/US2016/022840)
[87] (WO2016/153913)
[30] US (62/137,886) 2015-03-25

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[25] EN
[54] **VACUUM OPERATED VALVE**
[54] **SOUPAPE ACTIONNEE PAR LE VIDE**
[72] LE, TUAN, US
[71] FLUIDMASTER, INC., US
[85] 2017-09-12
[86] 2016-03-14 (PCT/US2016/022384)
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[30] US (62/132,400) 2015-03-12

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[51] **Int.Cl. C25C 7/00 (2006.01) C25C 1/18 (2006.01) C25C 3/18 (2006.01) C25C 7/02 (2006.01)**
[25] EN
[54] **ELECTROCHEMICAL REMOVAL OF METAL OR OTHER MATERIAL FROM POLYCRYSTALLINE DIAMOND**
[54] **ELIMINATION PAR VOIE ELECTROCHIMIQUE D'UN METAL OU D'UN AUTRE MATERIAU PRESENT DANS UN DIAMANT POLYCRISTALLIN**
[72] LIANG, QI, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-09-12
[86] 2015-06-03 (PCT/US2015/034005)
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[13] A1
[51] **Int.Cl. A61K 9/10 (2006.01) A61K 31/225 (2006.01) A61K 31/365 (2006.01) A61K 31/5375 (2006.01) A61K 31/54 (2006.01) A61K 31/661 (2006.01) A61K 31/695 (2006.01) A61K 47/40 (2006.01) A61P 9/10 (2006.01) A61P 25/00 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE INTRAVENOUS ADMINISTRATION OF FUMARATES FOR THE TREATMENT OF NEUROLOGICAL DISEASES**
[54] **PROCEDES ET COMPOSITIONS POUR L'ADMINISTRATION INTRAVEINEUSE DE FUMARATES POUR LE TRAITEMENT DE MALADIES NEUROLOGIQUES**
[72] VERMA, AJAY, US
[72] SCANNEVIN, ROBERT, US
[72] KARKI, SHYAM, US
[72] ZHENG, FENGMEI, US
[71] BIOGEN MA INC., US
[85] 2017-09-12
[86] 2016-03-18 (PCT/US2016/023021)
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[30] US (62/136,431) 2015-03-20

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[51] **Int.Cl. A61K 8/97 (2017.01) A61K 36/28 (2006.01) A61K 36/282 (2006.01) A61K 36/53 (2006.01) A61K 36/54 (2006.01)**
[25] EN
[54] **ANTI-PATHOGENIC COMPOSITIONS**
[54] **COMPOSITIONS ANTI-PATHOGENES**
[72] RONEN, RAZIEL, IL
[71] ANJON BIOLOGICS, INC., US
[85] 2017-09-12
[86] 2016-03-17 (PCT/IB2016/051506)
[87] (WO2016/147142)
[30] US (62/134,840) 2015-03-18

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[51] **Int.Cl. A01N 47/10 (2006.01) A01N 63/02 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR REDUCING FUNGAL INFESTATION AND IMPROVING GRASS QUALITY**
[54] **PROCEDES ET COMPOSITIONS PERMETTANT DE REDUIRE L'INFESTATION FONGIQUE ET D'AMELIORER LA QUALITE DE L'HERBE**
[72] REES, RICHARD, T., US
[72] RUTLEDGE, JAMES, M., US
[71] BAYER CROPSCIENCE LP, US
[85] 2017-09-12
[86] 2016-03-21 (PCT/US2016/023371)
[87] (WO2016/160388)
[30] US (62/139,147) 2015-03-27

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[51] **Int.Cl. A61K 8/27 (2006.01) A61K 8/34 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **ORAL CARE COMPOSITIONS AND METHODS OF USING THE COMPOSITIONS**
[54] **COMPOSITIONS DE SOINS BUCCAUX-DENTAIRES ET METHODES D'UTILISATION DES COMPOSITIONS**
[72] REGE, AARTI, US
[72] SULLIVAN, RICHARD, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2017-09-12
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[25] EN
[54] **ADJUVANT COMPOSITIONS AND RELATED METHODS**
[54] **COMPOSITIONS ADJUVANTES ET METHODES ASSOCIEES**
[72] MILLER, TIMOTHY J., US
[72] PFANNENSTIEL, MARY ANN, US
[71] VAXLIANT, LLC, US
[85] 2017-09-12
[86] 2016-03-24 (PCT/US2016/024003)
[87] (WO2016/154432)
[30] US (62/137,659) 2015-03-24

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[13] A1
[51] **Int.Cl. C07K 16/30 (2006.01) G01N 33/573 (2006.01) G01N 33/574 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **PROSTATE ANTIGEN STANDARDS AND USES THEREOF**
[54] **STANDARDS D'ANTIGENES PROSTATIQUES ET UTILISATIONS**
[72] LINDER, VINCENT, US
[72] HIGGINS, CHRISTINA, US
[71] OPKO DIAGNOSTICS, LLC, US
[85] 2017-09-12
[86] 2016-03-25 (PCT/US2016/024149)
[87] (WO2016/160545)
[30] US (62/139,365) 2015-03-27

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[13] A1
[51] **Int.Cl. G02B 27/01 (2006.01) G01S 5/16 (2006.01) G09B 23/18 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUGMENTED REALITY**
[54] **SYSTEMES ET PROCEDES DE REALITE AUGMENTEE**
[72] WOODS, MICHAEL J., US
[71] MAGIC LEAP, INC., US
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[54] **PROCEDES DE FABRICATION DE PRODUITS CORROYES AVEC DES PASSAGES INTERNES**
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[72] SAMPLE, VIVEK, US
[72] FULTON, ERIN J., US
[72] BURG, JAMES T., US
[72] BOGAN, ERIC G., US
[72] BREM, JASON C., US
[72] SPEER, ROBERT J., US
[72] LEITH, WILLIAM B., US
[72] CARDINALE, MICHAEL, US
[72] GACKA, PHILIP, US
[71] ARCONIC INC., US
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[54] **MECANISME D'INCLINAISON POUR ELEMENT MEUBLE PROCHE D'UN MUR**
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[72] COLE, EUGENE O., II, US
[71] LA-Z-BOY INCORPORATED, US
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[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR CONTROLLING PREPAID DELIVERY OF UTILITIES**
[54] **PROCEDE, SYSTEME ET APPAREIL DE COMMANDE DE FOURNITURE PREPAYEE DE SERVICES PUBLICS**
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[72] SCHRODER, ANDREAS, DE
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[54] **IMPLANT D'EPAULE ORTHOPEDIQUE**
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[71] JOHNSTON, DAVID GERALD, CA
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[51] **Int.Cl. G02B 5/20 (2006.01) G02C 7/10 (2006.01)**
[25] EN
[54] **OPTICAL FILTERS AFFECTING COLOR VISION IN A DESIRED MANNER AND DESIGN METHOD THEREOF BY NON-LINEAR OPTIMIZATION**
[54] **FILTRES OPTIQUES AFFECTANT LA VISION DES COULEURS DE MANIERE SOUHAITEE ET PROCEDE DE CONCEPTION PAR OPTIMISATION NON LINEAIRE**
[72] SCHMEDER, ANDREW W., US
[72] MCPHERSON, DONALD M., US
[71] ENCHROMA, INC., US
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[54] **MATERIAU ANTI-CORROSION SOL-GEL**
[72] VREUGDENHIL, ANDREW JAMES, CA
[72] STOTESBURY, THERESA ELIZABETH, CA
[71] TRENT UNIVERSITY, CA
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[25] EN
[54] **PYRAZOLONE COMPOUND OR SALT THEREOF, PREPARATION METHOD THEREFOR, HERBICIDE COMPOSITION AND USE THEREOF**
[54] **COMPOSE DE PYRAZOLONE OU SON SEL, SON PROCEDE DE PREPARATION, COMPOSITION HERBICIDE ET SON UTILISATION**
[72] LIAN, LEI, CN
[72] ZHENG, YURONG, CN
[72] HE, BIN, CN
[72] PENG, XUEGANG, CN
[72] JIN, TAO, CN
[72] CUI, QI, CN
[71] QINGDAO KINGAGROOT CHEMICAL COMPOUNDS CO., LTD, CN
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[25] EN
[54] **MONITORING SYSTEM FOR A CENTRAL VACUUM ASSEMBLY**
[54] **SYSTEME DE SURVEILLANCE POUR UN ENSEMBLE ASPIRATEUR CENTRAL**
[72] FINNERTY, DENNIS, US
[72] FINNERTY, SEAN, US
[71] RAVE SYSTEMS, INC., US
[85] 2017-09-12
[86] 2016-03-11 (PCT/US2016/022007)
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[54] **TRACK HEAD AND TRACK LAMP**
[54] **TETE DE RAIL ET LAMPE DE RAIL**
[72] LI, LI, CN
[72] SONG, GANG, CN
[71] SHENZHEN JIAWEI PHOTOVOLTAIC LIGHTING CO., LTD., CN
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[25] EN
[54] **LARGE SAMPLE TESTING DEVICE, METHOD, AND SYSTEM**
[54] **DISPOSITIF, PROCEDE ET SYSTEME DE TEST DE GRAND ECHANTILLON**
[72] MILLER, JACK, US
[71] STRESS ENGINEERING SERVICES, INC., US
[85] 2017-09-12
[86] 2016-03-11 (PCT/US2016/022171)
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[25] EN
[54] **SIGNALLING CODING AND MODULATION METHOD AND DEMODULATION AND DECODING METHOD AND DEVICE**
[54] **PROCEDE DE MODULATION ET DE CODAGE DE SIGNALISATION, DISPOSITIF ET PROCEDE DE DEMODULATION ET DE DECODAGE**
[72] ZHANG, WENJUN, CN
[72] SHI, YIJUN, CN
[72] HE, DAZHI, CN
[72] HUANG, GE, CN
[72] XU, HONGLIANG, CN
[72] WANG, YAO, CN
[71] SHANGHAI NATIONAL ENGINEERING RESEARCH CENTER OF DIGITAL TELEVISION CO., LTD., CN
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[54] **A STRAINER AND AN ASSOCIATED PUMPING METHOD**
[54] **CREPINE ET PROCEDE DE POMPAGE ASSOCIE**
[72] MONAGHAN, TOM, AU
[71] JETS INNOVATIONS PTY LTD, AU
[85] 2017-09-13
[86] 2016-03-08 (PCT/AU2016/050160)
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION CONTAINING SILIBININ**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT DE LA SILIBININE**
[72] WU, NAIFENG, CN
[72] YAN, XIJUN, CN
[72] SUN, HE, CN
[72] YAN, KAIJING, CN
[72] ZHU, YONGHONG, CN
[72] ZHANG, SHUNNAN, CN
[72] BAI, XIAOLIN, CN
[72] HE, YI, CN
[72] MA, XIAOHUI, CN
[72] LI, TING, CN
[72] LI, LEI, CN
[71] TASLY PHARMACEUTICAL GROUP CO., LTD.., CN
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION CONTAINING SILYBIN AND VE**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT DE LA SILYBINE ET DE LA VE**
[72] SUN, HE, CN
[72] YAN, XIJUN, CN
[72] WU, NAIFENG, CN
[72] YAN, KAIJING, CN
[72] ZHU, YONGHONG, CN
[72] ZHANG, SHUNNAN, CN
[72] BAI, XIAOLIN, CN
[72] MA, XIAOHUI, CN
[72] HE, YI, CN
[72] LI, TING, CN
[72] LI, LEI, CN
[71] TASLY PHARMACEUTICAL GROUP CO., LTD., CN
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[54] **AFFECTATION DE SCORES DE PERTINENCE POUR RESEAU NEURONAL ARTIFICIEL**
[72] BACH, SEBASTIAN, DE
[72] SAMEK, WOJCIECH, DE
[72] MULLER, KLAUS-ROBERT, DE
[72] BINDER, ALEXANDER, DE
[72] MONTAVON, GREGOIRE, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION CONTAINING SILYBIN, VE AND L-CARNITINE**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT DE LA SILYBINE, VE ET L-CARNITINE**
[72] SUN, HE, CN
[72] YAN, XIJUN, CN
[72] WU, NAIFENG, CN
[72] YAN, KAIJING, CN
[72] ZHU, YONGHONG, CN
[72] ZHANG, SHUNNAN, CN
[72] BAI, XIAOLIN, CN
[72] MA, XIAOHUI, CN
[72] HE, YI, CN
[72] LI, TING, CN
[72] LI, LEI, CN
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[54] **CORPS DE BOITE**
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[72] VAN DAM, WILLEM LEENDERT PIETER, NL
[72] MERTENS, NORBERT, DE
[72] KOLB, ALEXANDER, DE
[71] BALL EUROPE GMBH, CH
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[54] **SOUPAPE D'ARRET**
[72] COWLES, CHRISTOPHER JOHN, GB
[72] HILTON, DERRICK ERNEST, GB
[72] KANDZIORA, CHRISTINE, DE
[72] JACOBSEN, BRIAN, GB
[71] LINDE AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **A METHOD AND A SYSTEM FOR INTRODUCING NITROGEN INTO A BEVERAGE**
[54] **PROCEDE ET SYSTEME POUR INTRODUIRE DE L'AZOTE DANS UNE BOISSON**
[72] RASMUSSEN, JAN NORAGER, DK
[72] VESBORG, STEEN, DK
[71] CARLSBERG BREWERIES A/S, DK
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[54] **PROCEDE DE DECONTAMINATION DE LA SURFACE D'ALIMENTS SOLIDES CONDITIONNES**
[72] LOPEZ GOMEZ, ANTONIO, ES
[72] LOPEZ CANOVAS, DAVID ANTONIO, ES
[71] UNIVERSIDAD POLITECNICA DE CARTAGENA, ES
[85] 2017-09-13
[86] 2016-02-26 (PCT/ES2016/070128)
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[54] **SENSING MODULE FOR MONITORING CONDITIONS OF A PUMP OR PUMP ASSEMBLY**
[54] **MODULE DE DETECTION POUR SURVEILLER LES ETATS D'UNE POMPE OU D'UN ENSEMBLE POMPE**
[72] DECOOK, BRADLEY C., US
[72] KERNAN, DANIEL J., US
[72] SULLIVAN, JEFFREY, US
[72] LOYCHIK, NEIL, US
[72] GEORGE, NAVEEN, US
[71] ITT MANUFACTURING ENTERPRISES LLC, US
[85] 2017-09-12
[86] 2016-04-07 (PCT/US2016/026407)
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[25] EN
[54] **MEDIA GENERATING AND EDITING SYSTEM**
[54] **SYSTEME D'EDITION ET DE GENERATION DE MEDIA**
[72] KOFMAN, JEFFREY, GB
[72] BOAS, MARK, IT
[72] PANAGHISTON, MARK, GB
[72] GRIDINOC, LAURIAN, GB
[71] TRINT LIMITED, GB
[85] 2017-09-13
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[54] **SYNCHRONISATION DE MOTEURS D'AERONEF**
[72] COLAVINCENZO, STEPHEN, CA
[72] BRODEUR, ANDRE, CA
[72] CARON L'ECUYER, ALEXIS, CA
[72] BOGDAN, MIREL, CA
[72] JOVICIC, DRAGAN, CA
[71] BOMBARDIER INC., CA
[85] 2017-09-13
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[30] US (62/133,656) 2015-03-16
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[25] EN
[54] **GRP94 DERIVED POLYPEPTIDES FOR INHIBITING PCSK9 AND METHODS OF USE**
[54] **POLYPEPTIDES DERIVES DE GRP94 POUR INHIBER PCSK9 ET PROCEDES D'UTILISATION**
[72] POIRIER, STEVE, CA
[72] MAYER, GAETAN, CA
[71] INSTITUT DE CARDIOLOGIE DE MONTREAL, CA
[85] 2017-09-13
[86] 2016-03-19 (PCT/IB2016/051559)
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[30] US (62/135,668) 2015-03-19
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[13] A1
[51] **Int.Cl. G01N 29/28 (2006.01)**
[25] EN
[54] **SEALING ASSEMBLY AND PLUG FOR NON-DESTRUCTIVE INSPECTION**
[54] **ENSEMBLE D'ETANCHEITE ET BOUCHON DESTINES A UNE INSPECTION NON DESTRUCTIVE**
[72] SALEH, SALEEM, CA
[71] BOMBARDIER INC., CA
[85] 2017-09-13
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[25] EN
[54] **A METHOD OF PRODUCING FILLER**
[54] **PROCEDE DE PRODUCTION D'UNE CHARGE**
[72] SKERFE, ELINA, SE
[72] MATTSSON, ERIK, SE
[71] STORA ENSO OYJ, FI
[85] 2017-09-13
[86] 2016-03-31 (PCT/IB2016/051842)
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[30] SE (1550390-7) 2015-03-31

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[25] EN
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[54] **TRANSDUCTEUR A ULTRASONS COMMANDE A DISTANCE**
[72] SONNENSCHEIN, LAZAR, IL
[71] PULSENMORE LTD., IL
[85] 2017-09-13
[86] 2016-03-21 (PCT/IL2016/050302)
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[51] **Int.Cl. A61B 17/32 (2006.01) A61B 17/3205 (2006.01) A61B 17/3209 (2006.01)**
[25] EN
[54] **INCISION APPARATUS WITH STABILIZING CAP**
[54] **APPAREIL D'INCISION A CAPUCHON DE STABILISATION**
[72] DELI, JOSEF, IL
[72] RINOT, AVRAHAM, IL
[71] V.R. HEXIS LTD., IL
[85] 2017-09-13
[86] 2016-03-31 (PCT/IL2016/050353)
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[30] US (62/141,878) 2015-04-02

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[51] **Int.Cl. C22B 59/00 (2006.01) C22B 3/08 (2006.01) C22B 3/24 (2006.01) C22B 3/44 (2006.01)**
[25] EN
[54] **METHOD FOR RECOVERING SCANDIUM**
[54] **PROCEDE POUR LA RECUPERATION DE SCANDIUM**
[72] NAGAI, HIDEMASA, JP
[72] KUDO, KEIJI, JP
[72] MATSUMOTO, SHIN-YA, JP
[72] KOBAYASHI, HIROSHI, JP
[72] ASANO, SATOSHI, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
[85] 2017-09-13
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[51] **Int.Cl. H01S 3/00 (2006.01) G01J 1/02 (2006.01)**
[25] EN
[54] **OPTICAL ATTENUATOR**
[54] **ATTENUATEUR OPTIQUE**
[72] MORIMIYA, NAOYUKI, JP
[72] TORII, NAOYUKI, JP
[72] OKAMOTO, NAOKI, JP
[72] YOSHIDA, NAOYA, JP
[72] SAITO, TSUNEO, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2017-09-13
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[54] **METHOD FOR PRODUCING SUGAR SOLUTION**
[54] **PROCEDE DE PRODUCTION D'UNE SOLUTION DE SUCRE**
[72] ASAHI, YUKA, JP
[72] MINAMINO, ATSUSHI, JP
[72] KURIHARA, HIROYUKI, JP
[72] HIGASA, MASASHI, JP
[72] YAMADA, KATSUSHIGE, JP
[71] TORAY INDUSTRIES, INC., JP
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[54] **A FLUID CIRCUIT DEVICE**
[54] **DISPOSITIF DE CIRCUIT DE FLUIDE**
[72] MCCALLISTER, JOHN, NZ
[72] THOMSON, MARK, NZ
[72] AITKEN, MURRAY, NZ
[72] CLARK, STUART, NZ
[71] HOLMES SOLUTIONS LIMITED PARTNERSHIP, NZ
[85] 2017-09-13
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[51] **Int.Cl. F16D 1/095 (2006.01) F16D 1/08 (2006.01) F16J 1/12 (2006.01)**
[25] EN
[54] **APPARATUS FOR SECURING A COUPLED ELEMENT TO A SHAFT**
[54] **APPAREIL POUR FIXER UN ELEMENT ACCOUPLE A UN ARBRE**
[72] MCCALLISTER, JOHN, NZ
[72] THOMSON, MARK, NZ
[72] AITKEN, MURRAY, NZ
[72] CLARK, STUART, NZ
[71] HOLMES SOLUTIONS LIMITED PARTNERSHIP, NZ
[85] 2017-09-13
[86] 2016-03-15 (PCT/NZ2016/050039)
[87] (WO2016/148583)
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[51] **Int.Cl. G06F 3/0484 (2013.01) G06F 3/0488 (2013.01)**
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[54] **DEVICE FOR HANDHELD OPERATION AND METHOD THEREOF**
[54] **DISPOSITIF CONCU POUR LE FONCTIONNEMENT NOMADE ET SON PROCEDE**
[72] OKVIST, PETER, SE
[72] LINDEGREN, DAVID, SE
[72] ARNGREN, TOMMY, SE
[72] BURKERT, TILL, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2017-09-13
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[25] EN
[54] **AN ENERGY TRANSFER APPARATUS AND METHOD OF USE**
[54] **APPAREIL DE TRANSFERT D'ENERGIE ET SON PROCEDE D'UTILISATION**
[72] DIEHL, ANDREW KARL, NZ
[72] MCCALLISTER, JOHN, NZ
[72] THOMSON, MARK, NZ
[72] AITKEN, MURRAY, NZ
[72] CLARK, STUART, NZ
[71] HOLMES SOLUTIONS LIMITED PARTNERSHIP, NZ
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[54] **TRUNNION-TYPE VEHICLE SUSPENSION SYSTEM**
[54] **SYSTEME DE SUSPENSION DE VEHICULE DE TYPE TOURILLON**
[72] GOTTSCHALK, MICHAEL, US
[71] WATSON & CHALIN MANUFACTURING, INC., US
[85] 2017-09-13
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[25] EN
[54] **PROPPANT STORAGE AND TRANSFER SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE STOCKAGE ET DE TRANSFERT D'AGENT DE SOUTENEMENT**
[72] OREN, JOHN, US
[72] OREN, JOSHUA, US
[71] OREN TECHNOLOGIES, LLC, US
[85] 2017-09-13
[86] 2015-10-27 (PCT/US2015/057601)
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[51] **Int.Cl. H01J 49/04 (2006.01) G01N 1/02 (2006.01) H01J 49/26 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR ANALYSIS OF BIOFLUIDS BY ION GENERATION USING WETTED POROUS MATERIAL**
[54] **DISPOSITIF ET PROCEDE POUR L'ANALYSE DE LIQUIDES BIOLOGIQUES PAR GENERATION D'IONS AU MOYEN D'UN MATERIAU POREUX HUMIDE**
[72] MANICKE, NICHOLAS, US
[72] ZHANG, CHENGSEN, US
[71] INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION, US
[85] 2017-09-13
[86] 2016-02-10 (PCT/US2016/017306)
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[25] EN
[54] **METHODS FOR MONITORING CD4+ T-HELPER TYPE 1 RESPONSE IN CANCER AND IMMUNE RESTORATION**
[54] **METHODES DE SUIVI DE LA REPONSE LYMPHOCYTAIRE IMPLIQUANT DES LYMPHOCYTES T AUXILIAIRES CD4+ DE TYPE 1 DANS LE CANCER ET LA RECONSTITUTION IMMUNITAIRE**
[72] CZERNIECKI, BRIAN J., US
[72] KOSKI, GARY K., US
[72] DATTA, JASHODEEP, US
[71] CZERNIECKI, BRIAN J., US
[85] 2017-09-13
[86] 2016-03-04 (PCT/US2016/020987)
[87] (WO2016/153761)
[30] US (14/658,095) 2015-03-13
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[51] **Int.Cl. G01S 19/07 (2010.01) G01S 19/40 (2010.01)**
[25] EN
[54] **GPS ERROR CORRECTION VIA NETWORK OF FIXED POINT GROUND STATIONS**
[54] **CORRECTION D'ERREUR GPS PAR L'INTERMEDIAIRE D'UN RESEAU DE STATIONS TERRESTRES PONCTUELLES**
[72] GENTRY, NICHOLAS KRISTOFER, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2017-09-13
[86] 2016-03-09 (PCT/US2016/021443)
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[30] US (14/661,843) 2015-03-18

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[13] A1
[51] **Int.Cl. E21B 49/08 (2006.01) C09K 8/02 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **METHODS FOR QUANTIFYING NITROGEN-CONTAINING COMPOUNDS IN SUBTERRANEAN TREATMENT FLUIDS**
[54] **PROCEDES DE QUANTIFICATION DE COMPOSES CONTENANT DE L'AZOTE DANS DES FLUIDES DE TRAITEMENT SOUTERRAIN**
[72] DENG, ZHAO, US
[72] DEVILLE, JAY PAUL, US
[72] LIVANEC, PHILIP WAYNE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-09-13
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[25] EN
[54] **BUBBLE COLUMN REACTOR BASED DIGESTER AND METHOD FOR ITS USE**
[54] **DIGESTEUR A BASE DE REACTEUR COLONNE A BULLES ET SON PROCEDE D'UTILISATION**
[72] WONDERS, ALAN G., US
[71] GRUPO PETROTEMEX, S.A. DE C.V., MX
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[13] A1
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[25] EN
[54] **DUAL AUTO HYDRANT FOR SNOWMAKING GUN AND METHOD OF USING SAME**
[54] **DOUBLE PRISE D'EAU AUTOMATIQUE POUR CANON A NEIGE ET PROCEDE D'UTILISATION DE CELLE-CI**
[72] DODSON, MITCHELL JOE, US
[71] SNOW LOGIC, INC., US
[85] 2017-09-13
[86] 2016-03-14 (PCT/US2016/022393)
[87] (WO2016/149224)
[30] US (62/133,289) 2015-03-13

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[25] EN
[54] **EQUAL-WALLED GEROTOR PUMP FOR WELLBORE APPLICATIONS**
[54] **POMPE TYPE GEROTOR A PAROI EGALE POUR DES APPLICATIONS DE FORAGE**
[72] MELO, RAFAEL ADOLFO LASTRA, SA
[72] XIAO, JINJIANG, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2017-09-13
[86] 2016-03-15 (PCT/US2016/022424)
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[30] US (62/133,696) 2015-03-16

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[51] **Int.Cl. G01L 9/00 (2006.01)**
[25] EN
[54] **IN-LINE PROCESS FLUID PRESSURE TRANSMITTER FOR HIGH PRESSURE APPLICATIONS**
[54] **TRANSMETTEUR DE PRESSION DE FLUIDE DE TRAITEMENT EN LIGNE POUR DES APPLICATIONS A HAUTE PRESSION**
[72] STREI, DAVID M., US
[72] WILLCOX, CHARLES R., US
[72] PETERSEN, BLAKE T., US
[72] BRODEN, DAVID A., US
[71] ROSEMOUNT INC., US
[85] 2017-09-13
[86] 2016-03-25 (PCT/US2016/024290)
[87] (WO2016/160592)
[30] US (14/672,647) 2015-03-30

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[51] **Int.Cl. A23L 2/00 (2006.01) A61K 36/00 (2006.01) A61P 39/06 (2006.01)**
[25] EN
[54] **PHYTOCOMPLEXES EXHIBITING MULTIPLE, SYNERGISTIC ANTIOXIDANT ACTIVITIES USEFUL IN FOODS, DIETARY SUPPLEMENTS, COSMETICS AND PHARMACEUTICAL PREPARATIONS**
[54] **PHYTOCOMPLEXES PRESENTANT DE MULTIPLES ACTIVITES ANTIOXYDANTES SYNERGIQUES, UTILES DANS DES ALIMENTS, DES COMPLEMENTS ALIMENTAIRES, DES PRODUITS COSMETIQUES ET DES PREPARATIONS PHARMACEUTIQUES**
[72] TRIPP, MATTHEW L., US
[72] DAHLBERG, CLINTON J., US
[72] BABISH, JOHN G., US
[72] GAO, WEI, US
[72] KAADIGE, MOHAN, US
[72] KRIG, SHERYL, US
[72] KOU, XIAOLAN, US
[72] KHANG, ZHE, US
[72] OU, JOSEPH, US
[71] NATURE'S SUNSHINE PRODUCTS, INC., US
[85] 2017-09-13
[86] 2016-03-16 (PCT/US2016/022720)
[87] (WO2016/149424)
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[51] **Int.Cl. G06F 9/445 (2006.01) G06F 9/50 (2006.01) G06F 11/30 (2006.01)**
[25] EN
[54] **CONTENT DEPLOYMENT, SCALING, AND TELEMETRY**
[54] **DEPLOIEMENT DE CONTENU, MISE A L'ECHELLE ET TELEMETRIE**
[72] BYSKAL, CHRISTOPHER DAVID, US
[72] TAMKIN, PRESTON ALAN, US
[72] LEVASSEUR, ALEXIS, US
[72] THOMPSON, JONATHAN PAUL, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2017-09-13
[86] 2016-03-17 (PCT/US2016/022791)
[87] (WO2016/149462)
[30] US (14/660,850) 2015-03-17
[30] US (14/660,865) 2015-03-17
[30] US (14/660,821) 2015-03-17

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[13] A1
[51] **Int.Cl. G06K 9/00 (2006.01) G06F 17/00 (2006.01)**
[25] EN
[54] **APPARATUS, SYSTEMS, AND METHODS FOR PROVIDING THREE-DIMENSIONAL INSTRUCTION MANUALS IN A SIMPLIFIED MANNER**
[54] **APPAREIL, SYSTEMES ET PROCEDES POUR FOURNIR DES MANUELS D'INSTRUCTIONS EN TROIS DIMENSIONS D'UNE MANIERE SIMPLIFIEE**
[72] CRAWFORD, JAMES T., US
[72] TIETZ, ANDREW, US
[71] THE PARARI GROUP, LLC, US
[85] 2017-09-13
[86] 2016-03-28 (PCT/US2016/024479)
[87] (WO2016/160680)
[30] US (62/139,351) 2015-03-27

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[51] **Int.Cl. A61K 39/12 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C07K 14/01 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **FUSION PROTEINS COMPRISING MODIFIED ALPHA VIRUS SURFACE GLYCOPROTEINS AND TUMOR ASSOCIATED ANTIGEN AND METHODS THEREOF**
[54] **PROTEINES DE FUSION COMPRENANT DES GLYCOPROTEINES DE SURFACE D'ALPHA VIRUS ET UN ANTIGENE ASSOCIE A UNE TUMEUR, ET PROCEDES ASSOCIES**
[72] LEONARDI, PETER, US
[72] POLA, ELIN MARTINA, SE
[72] BABAD, JEFFREY, US
[71] OMNICYTE, US
[85] 2017-09-13
[86] 2016-03-18 (PCT/US2016/023203)
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[30] US (62/134,933) 2015-03-18

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[51] **Int.Cl. C22B 15/14 (2006.01) B01D 17/022 (2006.01) C22B 3/06 (2006.01)**
[25] EN
[54] **COALESCING ELEMENTS IN COPPER PRODUCTION**
[54] **ELEMENTS COALESCENTS DANS LA PRODUCTION DE CUIVRE**
[72] WALLER, CLINTON P., JR., US
[72] JARIWALA, CHETAN P., US
[72] RASMUSSEN, JERALD K., US
[72] SCHMIDT, JOHN J., US
[72] SIERAKOWSKI, MICHAEL J., US
[72] WEILANDT, KARL D., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-09-13
[86] 2016-03-16 (PCT/US2016/022543)
[87] (WO2016/149303)
[30] US (62/133,833) 2015-03-16

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[13] A1
[51] **Int.Cl. A61K 31/5517 (2006.01) A61K 31/5513 (2006.01) A61P 25/18 (2006.01)**
[25] EN
[54] **GABAERGIC LIGANDS AND THEIR USES**
[54] **LIGANDS GABAERGIQUES ET LEURS UTILISATIONS**
[72] COOK, JAMES, US
[72] POE, MICHAEL MING-JIN, US
[72] METHUKU, KASHI REDDY, US
[72] LI, GUANGUAN, US
[71] UWM RESEARCH FOUNDATION, INC., US
[85] 2017-09-13
[86] 2016-03-18 (PCT/US2016/023209)
[87] (WO2016/154031)
[30] US (62/135,854) 2015-03-20

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[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR INHIBITING GENE EXPRESSION OF FACTOR XII**
[54] **COMPOSITIONS ET METHODES POUR INHIBER L'EXPRESSION GENIQUE DU FACTEUR XII**
[72] KANNER, STEVEN B., US
[72] LEWIS, DAVID L., US
[72] WAKEFIELD, DARREN H., US
[72] ALMEIDA, LAUREN J., US
[71] ARROWHEAD PHARMACEUTICALS, INC., US
[85] 2017-09-13
[86] 2016-03-16 (PCT/US2016/022591)
[87] (WO2016/149331)
[30] US (62/134,186) 2015-03-17

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[13] A1
[51] **Int.Cl. A61K 9/127 (2006.01) C12N 15/113 (2010.01) A61K 31/712 (2006.01) A61K 31/713 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR DELIVERY OF BIOMACROMOLECULE AGENTS**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT D'ADMINISTRER DES AGENTS DE TYPE BIOMACROMOLECULE**
[72] NAM, JUTAEK, US
[72] MOON, JAMES J., US
[72] KUAI, RUI, US
[72] SCHWENDEMAN, ANNA A., US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
[85] 2017-09-13
[86] 2016-03-25 (PCT/US2016/024233)
[87] (WO2016/154544)
[30] US (62/138,186) 2015-03-25
[30] US (62/248,908) 2015-10-30

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[13] A1
[51] **Int.Cl. C07K 16/40 (2006.01)**
[25] EN
[54] **PLASMA KALLIKREIN INHIBITORS AND USES THEREOF FOR PREVENTING HEREDITARY ANGIOEDEMA ATTACK**
[54] **INHIBITEURS DE LA KALLICREINE PLASMATIQUE ET UTILISATIONS DESDITS INHIBITEURS POUR PREVENIR UN ACCES D'ANGIO-OEDEME HEREDITAIRE**
[72] CHYUNG, YUNG, US
[72] ADELMAN, BURT, US
[72] SEXTON, DANIEL J., US
[71] DYAX CORP., US
[85] 2017-09-13
[86] 2016-03-30 (PCT/US2016/024921)
[87] (WO2016/160926)
[30] US (62/140,289) 2015-03-30
[30] US (62/140,277) 2015-03-30
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[51] **Int.Cl. A47J 31/02 (2006.01) A47J 31/06 (2006.01) A47J 31/10 (2006.01) A47J 31/44 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR BREWING BEVERAGES**
[54] **APPAREIL ET PROCEDE PERMETTANT DE PREPARER DES BOISSONS**
[72] GILLESPIE, ANDREW, US
[72] HANNA, MARCUS, US
[71] COOL GEAR INTERNATIONAL, LLC, US
[85] 2017-09-13
[86] 2016-03-30 (PCT/US2016/025078)
[87] (WO2016/161024)
[30] US (62/140,443) 2015-03-30
[30] US (62/304,128) 2016-03-04

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[13] A1
[51] **Int.Cl. C22C 21/10 (2006.01) C22F 1/053 (2006.01)**
[25] EN
[54] **HIGH STRENGTH 7XXX ALUMINUM ALLOYS AND METHODS OF MAKING THE SAME**
[54] **ALLIAGES D'ALUMINIUM 7XXX DE RESISTANCE ELEVEE ET LEURS PROCEDES DE PREPARATION**
[72] KAMAT, RAJEEV G., US
[72] CHAKRABARTI, DHRUBA J., US
[72] MOHANTY, RASHMI RANJAN, US
[72] KULKARNI, RAHUL VILAS, US
[72] BENDZINSKI, DUANE E., US
[72] TIMM, JUERGEN, DE
[71] NOVELIS INC., US
[85] 2017-09-13
[86] 2016-10-28 (PCT/US2016/059272)
[87] (WO2017/075319)
[30] US (62/248,796) 2015-10-30
[30] US (62/326,858) 2016-04-25

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[13] A1
[51] **Int.Cl. E01H 1/08 (2006.01) A01G 1/12 (2006.01) B08B 5/02 (2006.01) E01H 15/00 (2006.01)**
[25] EN
[54] **PORTABLE LEAF BLOWER**
[54] **SOUFFLEUSE A FEUILLES PORTABLE**
[72] COOPER, BRUCE MATTHEW T., CA
[72] WOLF, ANTHONY, CA
[71] CANADIAN TIRE CORPORATION, LIMITED, CA
[85] 2017-09-14
[86] 2015-04-09 (PCT/CA2015/050289)
[87] (WO2016/161497)

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[13] A1
[51] **Int.Cl. G06Q 20/22 (2012.01) G06Q 20/32 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **PEER-TO-PEER MOBILE DEVICE PAYMENT NETWORK**
[54] **RESEAU DE PAIEMENT PAIR-A-PAIR POUR DISPOSITIF MOBILE**
[72] KESHAN, SURENDRA, US
[72] SANKOLLI, SANJAY, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2017-09-13
[86] 2016-03-31 (PCT/US2016/025354)
[87] (WO2016/161167)
[30] US (62/140,653) 2015-03-31

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[13] A1
[51] **Int.Cl. G01N 33/574 (2006.01)**
[25] EN
[54] **LIGAND INDUCIBLE POLYPEPTIDE COUPLER SYSTEM**
[54] **SYSTEME COUPLEUR DE POLYPEPTIDES POUVANT ETRE INDUIT PAR UN LIGAND**
[72] BEDNARIK, DANIEL, P., US
[72] REED, CHARLES, C., US
[72] KURELLA, VINODH, US
[71] INTREXON CORPORATION, US
[85] 2017-09-13
[86] 2016-03-29 (PCT/US2016/024690)
[87] (WO2016/160791)
[30] US (62/140,380) 2015-03-30

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[13] A1
[51] **Int.Cl. F16D 3/20 (2006.01) E21B 17/02 (2006.01) E21B 17/20 (2006.01)**
[25] EN
[54] **ARTICULATING ASSEMBLY FOR TRANSMITTING ROTATION BETWEEN ANGULARLY OFFSET MEMBERS**
[54] **ENSEMBLE D'ARTICULATION POUR LA TRANSMISSION D'UNE ROTATION ENTRE DES ELEMENTS PRESENTANT UN DECALAGE ANGULAIRE**
[72] KIRKHOPE, KENNEDY JOHN, CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **METHOD OF IDENTIFYING HUMAN COMPATIBLE T CELL RECEPTORS SPECIFIC FOR AN ANTIGENIC TARGET**
[54] **PROCEDE D'IDENTIFICATION DES RECEPTEURS DE LYMPHOCYTES T SPECIFIQUES A COMPATIBILITE HUMAINE POUR UNE CIBLE ANTIGENIQUE**
[72] ROBINS, HARLAN S., US
[72] CHAPUIS, AUDE GEORGIANA, US
[72] SCHMITT, THOMAS M., US
[72] GREENBERG, PHILIP, US
[72] SHERWOOD, ANNA, US
[71] ADAPTIVE BIOTECHNOLOGIES CORP., US
[71] FRED HUTCHINSON CANCER RESEARCH CENTER, US
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[54] **APPARATUSES AND METHODS FOR DISRUPTING AND PREVENTING SNORE**
[54] **APPAREILS ET PROCEDES PERMETTANT D'INTERROMPRE ET DE PREVENIR LE RONFLEMENT**
[72] HARIRI, ALIASGHAR, CA
[71] HARIRI, ALIASGHAR, CA
[85] 2017-09-14
[86] 2016-03-11 (PCT/CA2016/000066)
[87] (WO2016/145510)
[30] US (62/133,958) 2015-03-16
[30] CA (PCT/CA2015/050630) 2015-07-07
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[51] **Int.Cl. A61K 31/192 (2006.01) A61K 9/08 (2006.01) A61K 31/60 (2006.01) A61K 33/00 (2006.01)**
[25] EN
[54] **TREATMENT OF ACNE VULGARIS WITH SEQUENTIAL TOPICAL FORMULATIONS COMPRISING ANTIMICROBIAL ORGANIC ACID ANIONS IN ALKALINE PHASE**
[54] **TRAITEMENT DE L'ACNE VULGAIRE AU MOYEN DE FORMULATIONS TOPIQUES SEQUENTIELLES COMPRENANT DES ANIONS D'ACIDES ORGANIQUES ANTIMICROBIENS EN PHASE ALCALINE**
[72] KROSS, ROBERT D., US
[71] KANTIAN SCIENCES CORPORATION, US
[85] 2017-09-13
[86] 2016-03-16 (PCT/US2016/022652)
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[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **CONSTRUCTS TARGETING AFP PEPTIDE/MHC COMPLEXES AND USES THEREOF**
[54] **CONSTRUCTIONS CIBLANT DES COMPLEXES PEPTIDE AFP/CMH ET LEURS UTILISATIONS**
[72] LIU, CHENG, US
[72] LIU, HONG, US
[72] XU, YIYANG, US
[72] XIANG, JINGYI, US
[72] LONG, LI, US
[71] EUREKA THERAPEUTICS, INC., US
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[51] **Int.Cl. E21B 34/10 (2006.01) E21B 33/12 (2006.01) E21B 34/08 (2006.01)**
[25] EN
[54] **FLOW-ACTUATED PRESSURE EQUALIZATION VALVE AND METHOD OF USE**
[54] **SOUPAPE D'EGALISATION DE PRESSION ACTIVEE PAR ECOULEMENT ET PROCEDE D'UTILISATION**
[72] STYLER, GRAHAM, CA
[72] FACCA, LEWIS, CA
[71] DRECO ENERGY SERVICES ULC, CA
[85] 2017-09-14
[86] 2015-03-31 (PCT/CA2015/050259)
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[51] **Int.Cl. H02K 1/27 (2006.01)**
[25] EN
[54] **EXTERNAL ROTOR ELECTRIC MACHINE WITH SMC BLOCKS INTERPOSED BETWEEN PERMANENT MAGNETS**
[54] **MACHINE ELECTRIQUE A ROTOR EXTERNE A BLOCS CMS INTERCALES ENTRE DES AIMANTS PERMANENTS**
[72] SHI, RUISHENG, CA
[72] GHARAKHANI, ARBI, CA
[72] HOULE, MARTIN, CA
[71] TM4 INC., CA
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[54] **POST MOLD COOLING SYSTEM**
[54] **SYSTEME DE REFROIDISSEMENT APRES MOULAGE**
[72] SIERADZKI, RICHARD, US
[72] COXHEAD, BRUCE, CA
[71] MOLD-MASTERS (2007) LIMITED, CA
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[51] **Int.Cl. B25J 15/06 (2006.01)**
[25] EN
[54] **SUCTION DEVICE, HOLDING DEVICE, AND CONVEYANCE METHOD**
[54] **DISPOSITIF D'ASPIRATION, DISPOSITIF DE RETENUE, ET PROCEDE DE TRANSPORT**
[72] SHIMIZU, TAKAYUKI, JP
[72] AZUSAWA, NAOTO, JP
[72] TSURUDA, KENICHI, JP
[72] AZUMA, HIROKI, JP
[72] GOTO, TAKUYA, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[54] **IMPROVED SILK FIBERS**
[54] **FIBRES DE SOIE AMELIOREES**
[72] BRESLAUER, DAVID, US
[72] WRAY, LINDSAY, US
[72] KITTLESON, JOSHUA, US
[71] BOLT THREADS, INC., US
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[54] **OPTICAL IMAGING DEVICE AND CAP**
[54] **DISPOSITIF D'IMAGERIE OPTIQUE ET CAPUCHON**
[72] HENDERSON, JAMES PATRICK, CA
[72] RILEY, JASON DAVID RICHARD, CA
[72] STRATIS, SAVVAS, CA
[71] ARCHEOPTIX BIOMEDICAL INC., CA
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[51] **Int.Cl. G01S 15/50 (2006.01) E21B 47/107 (2012.01) G01F 1/74 (2006.01) G01S 15/89 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD TO IMAGE FLOW IN OIL AND GAS WELLS USING PHASED ARRAY DOPPLER ULTRASOUND**
[54] **DISPOSITIF ET PROCEDE POUR IMAGER UN ECOULEMENT DANS DES PUITS DE PETROLE ET DE GAZ A L'AIDE D'ULTRASONS DOPPLER DE RESEAU A COMMANDE DE PHASE**
[72] MALIK, OSMAN S., CA
[72] MANDERS, GRAHAM T., CA
[72] ROBINSON, STEPHEN E., CA
[71] DARKVISION TECHNOLOGIES INC., CA
[85] 2017-09-14
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[25] EN
[54] **COATING FILM**
[54] **FILM DE REVETEMENT**
[72] ISEDA, KAZUYA, JP
[72] YAMANE, MICHIYO, JP
[72] TAKANOHASHI, HIROAKI, JP
[72] HIROSE, JUNICHI, JP
[71] ASAHI KASEI KABUSHIKI KAISHA, JP
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[25] EN
[54] **METHOD AND SYSTEM FOR PROVIDING ULTRAPURE WATER WITH FLEXIBLE LAMP CONFIGURATION**
[54] **PROCEDE ET SYSTEME PERMETTANT DE FOURNIR DE L'EAU ULTRA PURE AVEC UNE CONFIGURATION DE LAMPE FLEXIBLE**
[72] COULTER, BRUCE LEE, US
[72] HALL, CHRISTOPHER, US
[71] EVOQUA WATER TECHNOLOGIES LLC, US
[85] 2017-09-13
[86] 2016-05-04 (PCT/US2016/030708)
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[54] **NEW FYN KINASE INHIBITORS**
[54] **NOUVEAUX INHIBITEURS DE KINASES FYN**
[72] ARTUSI, ROBERTO, IT
[72] CASELLI, GIANFRANCO, IT
[72] ROVATI, LUCIO, IT
[71] ROTTAPHARM BIOTECH S.R.L., IT
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[25] EN
[54] **ANTI-HUMAN NOTCH 4 ANTIBODY**
[54] **ANTICORPS ANTI-NOTCH 4 HUMAIN**
[72] SAKAMOTO, YOSHIMASA, JP
[72] ADACHI, YUSUKE, JP
[72] MATSUI, JUNJI, JP
[72] KATO, YU, JP
[72] OZAWA, YOICHI, JP
[72] ABE, TAKANORI, JP
[72] ITO, KEN, JP
[72] NAKAZAWA, YUYA, JP
[72] TACHINO, SHO, JP
[72] SUZUKI, KATSUHISA, JP
[72] AGARWALA, KISHAN, JP
[72] HOSHINO, KANA, JP
[71] EISAI R&D MANAGEMENT CO., LTD., JP
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[25] EN
[54] **USE OF GENETICALLY ENGINEERED STRAIN VNP20009-M IN MANUFACTURING MEDICAMENTS FOR PREVENTING OR TREATING CANCER METASTASIS**
[54] **UTILISATION DE SOUCHE DE VNP20009-N GENETIQUEMENT MODIFIEE DANS LA FABRICATION DE MEDICAMENTS DESTINES A PREVENIR OU TRAITER DES METASTASES**
[72] ZHAO, ALLANZIJIAN, CN
[72] ZHOU, SUJIN, CN
[72] LIN, YAN, CN
[72] ZHAO, ZHENGGANG, CN
[72] LI, FANGHONG, CN
[71] NANJING SINOGEN BIOTECH & PHARMACEUTICAL INC., CN
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[86] 2016-02-24 (PCT/CN2016/074408)
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[30] CN (201510117994.X) 2015-03-17
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[54] **TREATMENT OF TYPE 2 DIABETES MELLITUS PATIENTS**
[54] **TRAITEMENT DE PATIENTS ATTEINTS DE DIABETE DE TYPE 2**
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[72] JOHNSTON, PETER, US
[72] LAWSON, FRANCESCA, US
[72] PING, LIN, US
[72] WEI, XIAODAN, US
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
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[54] **ANTITHROMBOTIC METALLIC MATERIAL**
[54] **MATERIAU METALLIQUE ANTITHROMBOTIQUE**
[72] KADOWAKI, KOJI, JP
[72] FUJITA, MASAKI, JP
[72] SAKAGUCHI, YUKA, JP
[72] TANAHASHI, KAZUHIRO, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2017-09-13
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[87] (WO2016/159243)
[30] JP (2015-071588) 2015-03-31
[30] JP (2015-106974) 2015-05-27

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[51] **Int.Cl. C12P 7/06 (2006.01) B01J 23/89 (2006.01) C12M 1/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCING ORGANIC SUBSTANCES**
[54] **METHODE ET APPAREIL SERVANT A LA PRODUCTION DE SUBSTANCES BIOLOGIQUES**
[72] SATOU, KANETOMO, JP
[72] DASANAYAKE ALUTHGE, RASIKA, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
[85] 2017-09-13
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[51] **Int.Cl. A61B 8/02 (2006.01) A61B 5/024 (2006.01) A61B 5/0444 (2006.01)**
[25] EN
[54] **SYSTEMS, APPARATUSES AND METHODS FOR SENSING FETAL ACTIVITY**
[54] **SYSTEMES, APPAREILS ET PROCEDES DE DETECTION DE L'ACTIVITE F TALE**
[72] OZ, OREN, IL
[72] KAM, AMIT, IL
[72] INTRATOR, NATHAN, IL
[71] NUVO GROUP LTD., IL
[85] 2017-09-14
[86] 2016-03-16 (PCT/IB2016/000406)
[87] (WO2016/147051)
[30] US (62/133,485) 2015-03-16
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[25] FR
[54] **DEVICE FOR CONTROLLING A BUTTON-CLOSURE SYSTEM OF AN ARTICLE AND CORRESPONDING ARTICLE**
[54] **DISPOSITIF DE CONTROLE D'UN SYSTEME DE FERMETURE A BOUTONS D'UN ARTICLE ET ARTICLE CORRESPONDANT**
[72] TOURRETTE, PHILIPPE, FR
[72] FAUCHER, ALEXANDRE, FR
[71] GENIUS OBJECTS, FR
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[25] EN
[54] **MICROORGANISM CULTURE METHOD AND CULTURE APPARATUS**
[54] **METHODE DE CULTURE DE MICRO-ORGANISME ET APPAREIL DE CULTURE**
[72] SATOU, KANETOMO, JP
[72] ISHII, TETSUYA, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
[85] 2017-09-13
[86] 2016-03-17 (PCT/JP2016/058430)
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[51] **Int.Cl. F01D 25/24 (2006.01) F01D 9/04 (2006.01)**
[25] FR
[54] **TURBINE RING ASSEMBLY COMPRISING A PLURALITY OF CERAMIC MATRIX COMPOSITE RING SEGMENTS**
[54] **ENSEMBLE D'ANNEAU DE TURBINE COMPRENANT UNE PLURALITE DE SECTEURS D'ANNEAU EN MATERIAU COMPOSITE A MATRICE CERAMIQUE**
[72] ROUSSILLE, CLEMENT, FR
[72] TESSON, THIERRY, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2017-09-14
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[51] **Int.Cl. C12Q 1/68 (2006.01) A61K 31/7088 (2006.01) A61K 45/00 (2006.01) A61P 35/00 (2006.01) C12M 1/34 (2006.01) C12N 15/09 (2006.01)**
[25] EN
[54] **METHOD FOR DIAGNOSING, PREVENTING AND TREATING CANCER BRAIN METASTASIS, AND DRUG DELIVERY SYSTEM FOR ENABLING PASSAGE THROUGH BLOOD-BRAIN BARRIER**
[54] **PROCEDE DE DIAGNOSTIC, DE PREVENTION ET DE TRAITEMENT DE LA METASTASE CEREBRALE, ET SYSTEME D'ADMINISTRATION DE MEDICAMENTS PERMETTANT LE PASSAGE A TRAVERS LA BARRIERE HEMATO-ENCEPHALIQUE**
[72] OCHIYA, TAKAHIRO, JP
[72] TOMINAGA, NAOOMI, JP
[71] GENE TECHNO SCIENCE CO., LTD., JP
[71] NATIONAL CANCER CENTER, JP
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[51] **Int.Cl. B08B 11/00 (2006.01) G02B 6/38 (2006.01)**
[25] EN
[54] **END-SURFACE CLEANER**
[54] **DISPOSITIF DE NETTOYAGE POUR SURFACES D'EXTREMITE**
[72] SUZUKI, MASAYOSHI, JP
[72] HASHIMOTO, NOBUHIRO, JP
[72] SUGIYAMA, HIROSHI, JP
[72] SHIMA, AKIYOSHI, JP
[71] TOMOEGAWA CO., LTD., JP
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[51] **Int.Cl. H04W 48/04 (2009.01) H04W 88/18 (2009.01) H04M 1/00 (2006.01) H04M 11/00 (2006.01)**
[25] EN
[54] **COMMUNICATION SYSTEM, MANAGEMENT APPARATUS, COMMUNICATION TERMINAL,COMMUNICATION CONTROL METHOD, SENSOR INFORMATION TRANSMISSION METHOD, AND COMPUTER READABLE MEDIUM**
[54] **SYSTEME DE COMMUNICATION, DISPOSITIF DE GESTION, TERMINAL DE COMMUNICATION, PROCEDE DE COMMANDE DE COMMUNICATION, PROCEDE DE TRANSMISSION D'INFORMATIONS DE CAPTEUR, ET SUPPORT LISIBLE PAR ORDINATEUR**
[72] TAMURA, TOSHIYUKI, JP
[71] NEC CORPORATION, JP
[85] 2017-09-14
[86] 2016-03-11 (PCT/JP2016/001403)
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[51] **Int.Cl. E21B 10/46 (2006.01)**
[25] EN
[54] **DRILL BIT INSERT AND DRILL BIT**
[54] **POINTE DE TREPAN ET TREPAN**
[72] AKHMADI EKO, WARDOYO, JP
[72] MATSUO, TOSHIHIKO, JP
[72] SAKURAZAWA, CHIHIRO, JP
[71] MITSUBISHI MATERIALS CORPORATION, JP
[85] 2017-09-14
[86] 2016-03-17 (PCT/JP2016/058446)
[87] (WO2016/148223)
[30] JP (2015-056106) 2015-03-19
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[51] **Int.Cl. B01J 23/755 (2006.01) B01J 37/18 (2006.01) C07C 5/10 (2006.01) C07C 13/18 (2006.01) C07B 61/00 (2006.01)**
[25] EN
[54] **CATALYST FOR HYDROGENATING AROMATIC HYDROCARBONS, AND HYDROGENATION TREATMENT METHOD IN WHICH SAME IS USED**
[54] **CATALYSEUR POUR L'HYDROGENATION D'HYDROCARBURES AROMATIQUES, ET PROCEDE DE TRAITEMENT PAR HYDROGENATION L'UTILISANT**
[72] IMAGAWA, KENICHI, JP
[72] KOBAYASHI, HARUTO, JP
[72] MUTO, AKIHIRO, JP
[71] CHIYODA CORPORATION, JP
[85] 2017-09-14
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING POLYPEPTIDE**
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT UN POLYPEPTIDE**
[72] MIYAZAKI, TATSUYA, JP
[72] MASAKI, KENJI, JP
[72] OKABE, KOMEI, JP
[72] YAMADA, KAZUHITO, JP
[71] SANTEN PHARMACEUTICAL CO., LTD., JP
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[25] EN
[54] **TITANIUM ALLOY, SEPARATOR, AND POLYMER ELECTROLYTE FUEL CELL**
[54] **ALLIAGE DE TITANE, SEPARATEUR, ET PILE A COMBUSTIBLE A POLYMERE SOLIDE**
[72] KAMINAKA, HIDEYA, JP
[72] UMEDA, SHIGERU, JP
[72] TAKASHIMA, YUYA, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-09-14
[86] 2016-03-04 (PCT/JP2016/056308)
[87] (WO2016/147858)
[30] JP (2015-055451) 2015-03-18

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[51] **Int.Cl. F16F 9/32 (2006.01) B60G 11/16 (2006.01) B60G 15/06 (2006.01) F16F 1/12 (2006.01)**
[25] EN
[54] **SPRING GUIDE AND SUSPENSION DEVICE**
[54] **GUIDE DE RESSORT ET DISPOSITIF DE SUSPENSION**
[72] MIWA, MASAHIRO, JP
[72] ANDO, KAZUMA, JP
[72] OHTA, YASUTAKA, JP
[71] KYB CORPORATION, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2017-09-14
[86] 2016-03-30 (PCT/JP2016/060478)
[87] (WO2016/159130)
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[25] EN
[54] **RUBBER SHEET AND SUSPENSION DEVICE**
[54] **SIEGE EN CAOUTCHOUC ET DISPOSITIF DE SUSPENSION**
[72] MIWA, MASAHIRO, JP
[72] ANDO, KAZUMA, JP
[72] OHTA, YASUTAKA, JP
[71] KYB CORPORATION, JP
[71] HONDA MOTOR CO., LTD., JP
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[51] **Int.Cl. B01D 59/26 (2006.01) B01D 53/047 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING DEUTERIUM DEPLETED WATER, METHOD FOR SEPARATING HEAVY WATER AND LIGHT WATER, AND METHOD FOR PRODUCING DEUTERIUM CONCENTRATED WATER**
[54] **PROCEDE DE PRODUCTION D'EAU APPAUVRIE EN DEUTERIUM, PROCEDE DE SEPARATION D'EAU LOURDE ET D'EAU LEGERE, ET PROCEDE DE PRODUCTION D'EAU ENRICHIE EN DEUTERIUM**
[72] KANEKO KATSUMI, JP
[72] TAKAGI TOSHIO, JP
[72] MURATA KATSUYUKI, JP
[72] FUTAMURA RYUSUKE, JP
[71] SHINSHU UNIVERSITY, JP
[71] KOTOBUKI TSUSHOU CO., LTD., JP
[85] 2017-09-14
[86] 2016-03-22 (PCT/JP2016/058911)
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[25] EN
[54] **ULTRASONIC MICROPHONE AND ULTRASONIC ACOUSTIC RADIO**
[54] **MICROPHONE A ULTRASONS ET RADIO ACOUSTIQUE A ULTRASONS**
[72] ZHOU, QIN, US
[72] ZETTL, ALEXANDER K., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2017-09-14
[86] 2016-02-24 (PCT/US2016/019373)
[87] (WO2016/148860)
[30] US (62/133,804) 2015-03-16
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[54] **STRUCTURAL BODY**
[54] **CORPS STRUCTURE**
[72] AZUSAWA, NAOTO, JP
[72] SHIMIZU, TAKAYUKI, JP
[72] TSURUDA, KENICHI, JP
[72] AZUMA, HIROKI, JP
[72] GOTO, TAKUYA, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2017-09-14
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[25] EN
[54] **PERSONAL CARE APPARATUS INCLUDING AN ULTRAVIOLET CURED COATING**
[54] **APPAREIL DE SOINS PERSONNELS COMPRENANT UN REVETEMENT DURCI PAR ULTRAVIOLETS**
[72] DEGROOD, MICHAEL JOHN, US
[72] MURZYNSKI, MACIEJ, US
[71] SPECTRUM BRANDS, INC., US
[85] 2017-09-14
[86] 2016-03-14 (PCT/US2016/022246)
[87] (WO2016/149161)
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[51] **Int.Cl. F16F 9/32 (2006.01) B60G 11/16 (2006.01) B60G 15/06 (2006.01) F16F 1/12 (2006.01)**
[25] EN
[54] **RUBBER SHEET AND SUSPENSION DEVICE**
[54] **SIEGE EN CAOUTCHOUC ET DISPOSITIF DE SUSPENSION**
[72] MIWA, MASAHIRO, JP
[72] ANDO, KAZUMA, JP
[72] OHTA, YASUTAKA, JP
[71] KYB CORPORATION, JP
[71] HONDA MOTOR CO., LTD., JP
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[86] 2016-03-30 (PCT/JP2016/060485)
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[51] **Int.Cl. A61B 5/1455 (2006.01) A61B 3/12 (2006.01)**
[25] EN
[54] **AUGMENTED REALITY PULSE OXIMETRY**
[54] **OXYMETRIE DU POULS A REALITE AUGMENTEE**
[72] SAMEC, NICOLE ELIZABETH, US
[72] KAEHLER, ADRIAN, US
[71] MAGIC LEAP, INC., US
[85] 2017-09-14
[86] 2016-03-16 (PCT/US2016/022724)
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[30] US (62/133,870) 2015-03-16

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[13] A1
[51] **Int.Cl. G01F 1/84 (2006.01) G01B 11/16 (2006.01)**
[25] EN
[54] **A DEVICE FOR MEASURING FLUID PARAMETERS, A METHOD FOR MEASURING FLUID PARAMETERS AND A COMPUTER PROGRAM PRODUCT**
[54] **DISPOSITIF DE MESURE DE PARAMETRES DE FLUIDES, PROCEDE DE MESURE DE PARAMETRES DE FLUIDES ET PRODUIT PROGRAMME D'ORDINATEUR**
[72] SINGER, JOHANNES MARIA, NL
[72] KARABACAK, DEVREZ MEHMET, NL
[71] FUGRO TECHNOLOGY B.V., NL
[85] 2017-09-14
[86] 2016-03-24 (PCT/NL2016/050206)
[87] (WO2016/153352)
[30] NL (2014518) 2015-03-25
[30] US (62/137,859) 2015-03-25

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[51] **Int.Cl. A61B 17/22 (2006.01)**
[25] EN
[54] **ISCHEMIC STROKE THROMBUS ASPIRATION SYSTEM, PROCESSES, AND PRODUCTS THEREBY**
[54] **SYSTEME D'ASPIRATION DE THROMBUS SUITE A UN ACCIDENT ISCHEMIQUE CEREBRAL, PROCEDES ET PRODUITS ASSOCIES**
[72] LE, JAKE, US
[72] FERRERA, DAVID, US
[71] BLOCKADE MEDICAL, LLC, US
[85] 2017-09-14
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[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 10/00 (2012.01)**
[25] EN
[54] **PROACTIVE KNOWLEDGE OFFERING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'OFFRE DE CONNAISSANCES PROACTIVES**
[72] ARAVAMUDHAN, BHARATH, US
[72] MCGANN, CONOR, US
[72] NITIN, ANAND PAI KRISHNANAND, US
[72] KLEPAR, BOHDAN, US
[72] RYABCHUN, ANDRIY V., US
[72] BELL, GORDON, US
[72] GUTIERREZ, FRANCISCO, US
[72] EISNER, JOSEF ERIC, US
[72] KOROLEV, NIKOLAY L., US
[72] RISTOCK, HERBERT WILLI ARTUR, US
[72] LYPCHANSKYY, STANISLAV, US
[71] GREENEDEN U.S. HOLDINGS II, LLC, US
[85] 2017-09-14
[86] 2016-02-22 (PCT/US2016/018983)
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[30] US (14/629,481) 2015-02-23
[30] US (14/629,474) 2015-02-23

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[13] A1
[51] **Int.Cl. A61M 16/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR IMPROVED ASSISTED VENTILATION**
[54] **APPAREIL ET PROCEDE POUR UNE VENTILATION ASSISTEE AMELIOREE**
[72] NOLAN, CLAY, US
[71] COLABS, INC., US
[85] 2017-09-14
[86] 2015-03-23 (PCT/US2015/022079)
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[51] **Int.Cl. A61M 11/02 (2006.01) A61M 16/06 (2006.01) A61M 16/08 (2006.01)**
[25] EN
[54] **IMPROVED NEBULIZER APPARATUS**
[54] **APPAREIL NEBULISEUR AMELIORE**
[72] ISLAVA, STEVE, US
[72] HOWEY, SHANE, US
[71] CARE 2 INNOVATIONS, INC., US
[71] ISLAVA, STEVE, US
[71] HOWEY, SHANE, US
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[87] (WO2016/149280)
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[13] A1
[51] **Int.Cl. C11D 1/04 (2006.01) C11D 3/37 (2006.01)**
[25] EN
[54] **SOIL RELEASE POLYMER IN A SOLID SOUR**
[54] **POLYMERE FACILITANT LE LAVAGE DANS UN ACIDE SOLIDE**
[72] LUNDBERG, STEVEN, US
[72] FAST, JONATHAN P., US
[72] HEI, ROBERT D. P., US
[71] ECOLAB USA INC., US
[85] 2017-09-14
[86] 2015-04-28 (PCT/US2015/028014)
[87] (WO2015/171366)
[30] US (14/273,936) 2014-05-09

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[13] A1
[51] **Int.Cl. C12N 15/86 (2006.01) C12N 15/113 (2010.01)**
[25] EN
[54] **MIRNA MIMETICS AND THEIR USE IN TREATING SENSORY CONDITIONS**
[54] **MIMETIQUES DE MIARN ET LEUR UTILISATION DANS LE TRAITEMENT D'ETATS SENSORIELS PATHOLOGIQUES**
[72] JACKSON, AIMEE, US
[72] DALBY, CHRISTINA, US
[71] MIRAGEN THERAPEUTICS, INC., US
[85] 2017-09-14
[86] 2016-03-16 (PCT/US2016/022645)
[87] (WO2016/149370)
[30] US (62/133,590) 2015-03-16

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[51] **Int.Cl. C07D 211/94 (2006.01) C07C 7/20 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C08F 2/40 (2006.01)**
[25] EN
[54] **THE USE OF STABLE LIPOPHILIC HYDROXYLAMINE COMPOUNDS FOR INHIBITING POLYMERIZATION OF VINYL MONOMERS**
[54] **UTILISATION DE COMPOSES D'HYDROXYLAMINE LIPOPHILE STABLE POUR L'INHIBITION DE LA POLYMERISATION DE MONOMERES DE VINYLE**
[72] MASERE, JONATHAN, US
[72] NEILSON, ANDREW, US
[72] WATSON, RUSSELL, US
[71] ECOLAB USA INC., US
[85] 2017-09-14
[86] 2016-03-17 (PCT/US2016/022731)
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[30] US (62/134,811) 2015-03-18

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[13] A1
[51] **Int.Cl. B64D 13/08 (2006.01) F24F 5/00 (2006.01)**
[25] EN
[54] **AIRCRAFT AIR CONDITIONING SYSTEM AND METHOD FOR OPERATING SUCH AN AIRCRAFT AIR CONDITIONING SYSTEM**
[54] **SYSTEME DE CLIMATISATION D'AERONEF ET PROCEDE POUR UTILISER LEDIT SYSTEME DE CLIMATISATION D'AERONEF**
[72] KLIMPEL, FRANK, DE
[72] BRUNSWIG, HANS, DE
[72] GOLLE, STEFFEN, DE
[72] HESSE, ULLRICH, DE
[72] KLAUSNER, ENRICO, DE
[72] RADDATZ, MARIO, DE
[71] AIRBUS OPERATIONS GMBH, DE
[85] 2017-09-14
[86] 2016-04-22 (PCT/EP2016/059046)
[87] (WO2016/170134)
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[30] DE (10 2015 207 439.0) 2015-04-23
[30] DE (10 2015 207 447.1) 2015-04-23

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[51] **Int.Cl. A61B 5/107 (2006.01) A61B 42/00 (2016.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR CONSISTENT AND ACCURATE CERVICAL DILATION READINGS DURING LABOR AND DELIVERY**
[54] **PROCEDES ET APPAREIL POUR LECTURES CONSISTANTES ET PRECISES DE LA DILATATION DU COL DE L'UTERUS PENDANT LE TRAVAIL ET L'ACCOUCHEMENT**
[72] MARTIN, EVA, LEA, US
[72] MARTIN, BRANDON, US
[71] MARTIN, EVA, LEA, US
[71] MARTIN, BRANDON, US
[85] 2017-09-14
[86] 2015-09-16 (PCT/US2015/050521)
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[30] US (62/133,897) 2015-03-16

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[13] A1
[51] **Int.Cl. G01F 23/296 (2006.01)**
[25] EN
[54] **LEVEL MEASURING DEVICE, METHOD FOR OPERATING A LEVEL MEASURING DEVICE, AND ASSEMBLY CONSISTING OF A LEVEL MEASURING DEVICE AND AT LEAST ONE SPACER**
[54] **APPAREIL DE MESURE DE NIVEAU DE REMPLISSAGE, PROCEDE POUR FAIRE FONCTIONNER UN APPAREIL DE MESURE DE NIVEAU DE REMPLISSAGE ET MODULE COMPRENANT UN APPAREIL DE MESURE DE NIVEAU DEREMPLISSAGE ET AU MOINS UN ELEMENT D'ECARTEMENT**
[72] MERKER, JOHANNES, DE
[72] SCHMOLL, ANDREAS, DE
[72] PLESS, DANIEL, DE
[71] TRUMA GERATETECHNIK GMBH & CO. KG, DE
[85] 2017-09-14
[86] 2016-08-19 (PCT/EP2016/069670)
[87] (WO2017/032698)
[30] DE (10 2015 113 908.1) 2015-08-21
[30] US (15/042,890) 2016-02-12

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[13] A1
[51] **Int.Cl. G01S 17/89 (2006.01) G01S 17/87 (2006.01)**
[25] EN
[54] **DEPTH FIELD IMAGING APPARATUS, METHODS, AND APPLICATIONS**
[54] **APPAREIL D'IMAGERIE A PROFONDEUR DE CHAMP, PROCEDES ET APPLICATIONS**
[72] MOLNAR, ALYOSHA, US
[72] JAYASURIYA, SUREN, US
[72] SIVARAMAKRISHNAN, SRIRAM, US
[71] CORNELL UNIVERSITY, US
[85] 2017-09-14
[86] 2016-03-17 (PCT/US2016/022741)
[87] (WO2016/149438)
[30] US (62/134,122) 2015-03-17

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[51] **Int.Cl. G01N 29/44 (2006.01)**
[25] EN
[54] **DETERMINING MECHANICAL PROPERTIES VIA ULTRASOUND-INDUCED RESONANCE**
[54] **DETERMINATION DE PROPRIETES MECANIQUES PAR RESONANCE INDUITE PAR ULTRASONS**
[72] WALKER, WILLIAM F., US
[72] COREY, F. SCOTT, US
[72] HOMYK, ANDREW, US
[72] HIGGINS, TIM, US
[72] VIOLA, FRANCESCO, US
[72] REGAN, FRANK, US
[72] FERRANTE, ELISA, US
[71] HEMOSONICS, LLC, US
[85] 2017-09-14
[86] 2016-03-17 (PCT/US2016/022844)
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[30] US (14/660,700) 2015-03-17

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[51] **Int.Cl. C09K 8/58 (2006.01) B01D 11/00 (2006.01) E21B 43/16 (2006.01) E21B 43/25 (2006.01) E21B 43/34 (2006.01)**
[25] EN
[54] **ELECTROLYTIC SYSTEM AND METHOD FOR PROCESSING A HYDROCARBON SOURCE**
[54] **SYSTEME ELECTROLYTIQUE ET PROCEDE DE TRAITEMENT D'UNE SOURCE D'HYDROCARBURES**
[72] BREEDLOVE, JOHN D., US
[72] PETERS, MICHAEL J., US
[72] MAYER, SETH R., US
[72] FAULDER, DAVID D., US
[71] STRATEGIC RESOURCE OPTIMIZATION, INC., US
[85] 2017-09-14
[86] 2016-03-18 (PCT/US2016/023143)
[87] (WO2016/154002)
[30] US (62/136,204) 2015-03-20

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[13] A1
[51] **Int.Cl. A61K 31/435 (2006.01) C07D 213/81 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING HEPATOCELLULAR CARCINOMA**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DU CARCINOME HEPATOCELLULAIRE**
[72] HUANG, SUI, US
[72] CHEN, ZHI, CN
[72] APPELLA, DANIEL, US
[72] LIU, YANNING, CN
[72] NORTON, JOHN, US
[72] WANG, CHEN, US
[72] LOU, GUOHUA, CN
[72] GREEN, RICHARD, US
[71] NORTHWESTERN UNIVERSITY, US
[85] 2017-09-14
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[30] US (62/135,435) 2015-03-19

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[13] A1
[51] **Int.Cl. A63B 23/12 (2006.01)**
[25] EN
[54] **BIMANUAL ARM TRAINER**
[54] **APPAREIL D'ENTRAINEMENT DE BRAS BIMANUEL**
[72] WEISZ, DONALD, J., US
[72] RAGHAVAN, PREETI, US
[72] SPERANZA, FRANK, US
[71] MIRRORED MOTION WORKS, INC., US
[85] 2017-09-14
[86] 2016-03-18 (PCT/US2016/023221)
[87] (WO2016/149652)
[30] US (62/134,683) 2015-03-18
[30] US (62/265,686) 2015-12-10

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[13] A1
[51] **Int.Cl. A63B 71/10 (2006.01) A42B 3/00 (2006.01) A42B 3/04 (2006.01) A42B 3/06 (2006.01)**
[25] EN
[54] **PROTECTIVE HEADGEAR FOR SPORTS PARTICIPANTS, ESPECIALLY BASEBALL FIELDERS**
[54] **CASQUE DE PROTECTION POUR DES PERSONNES PARTICIPANT A UN SPORT, EN PARTICULIER DES JOUEURS DE CHAMP AU BASE-BALL**
[72] GARLAND, TYLOR, US
[72] BRADFORD, STEPHEN, US
[72] REICH, ROBERT, US
[71] MAJOR LEAGUE BASEBALL PROPERTIES, INC., US
[85] 2017-09-14
[86] 2016-03-17 (PCT/US2016/022922)
[87] (WO2016/149523)
[30] US (62/134,337) 2015-03-17
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[51] **Int.Cl. A61K 38/12 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **PEPTIDOMIMETIC MACROCYCLES AND USES THEREOF**
[54] **MACROCYCLES PEPTIDOMIMETIQUES ET LEURS UTILISATIONS**
[72] CHEN, HUBERT, US
[72] ANNIS, DAVID ALLEN, US
[72] CHANG, YONG, US
[72] AIVADO, MANUEL, US
[72] OLSON, KAREN, US
[72] VIAU, CHRIS J., US
[71] AILERON THERAPEUTICS, INC., US
[85] 2017-09-14
[86] 2016-03-18 (PCT/US2016/023275)
[87] (WO2016/154058)
[30] US (62/136,357) 2015-03-20
[30] US (62/232,275) 2015-09-24

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[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01)**
[25] EN
[54] **VOLTAGE BALANCING CURRENT CONTROLLED LED CIRCUIT**
[54] **CIRCUIT A DEL COMMANDE A COURANT D'EQUILIBRAGE DE TENSION**
[72] WEEKS, JR., T. WARREN, US
[72] CLAWSON, THOMAS N., US
[72] HAMILTON, DOUGLAS M., US
[71] HUBBELL INCORPORATED, US
[85] 2017-09-14
[86] 2016-03-22 (PCT/US2016/023515)
[87] (WO2016/154169)
[30] US (14/667,023) 2015-03-24

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[13] A1
[51] **Int.Cl. A61K 31/395 (2006.01) A61K 31/535 (2006.01) A61K 31/536 (2006.01)**
[25] EN
[54] **DEUTERATED ANALOGS OF ETIFOXINE, THEIR DERIVATIVES AND USES THEROF**
[54] **ANALOGUES DEUTERES D'ETIFOXINE, LEURS DERIVES ET LEURS UTILISATIONS**
[72] DASSE, OLIVIER, US
[71] ANVYL LLC, US
[85] 2017-09-14
[86] 2016-03-18 (PCT/US2016/023231)
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[30] US (62/135,979) 2015-03-20

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[51] **Int.Cl. G01N 33/48 (2006.01) A61B 5/20 (2006.01) G01N 21/01 (2006.01) G01N 21/84 (2006.01) G01N 33/493 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **SMARTPHONE ENABLED URINALYSIS DEVICE, SOFTWARE, AND TEST PLATFORM**
[54] **DISPOSITIF D'ANALYSE D'URINE ACTIVE PAR TELEPHONE INTELLIGENT, LOGICIEL, ET PLATE-FORME D'ESSAI**
[72] DAHL, ANDREW A., US
[71] WELLMETRIS, LLC, US
[85] 2017-09-14
[86] 2016-03-23 (PCT/US2016/023702)
[87] (WO2016/154262)
[30] US (62/136,764) 2015-03-23

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[13] A1
[51] **Int.Cl. C02F 1/68 (2006.01)**
[25] EN
[54] **ADVANCED OXIDATION PROCESS METHODS FOR DEGASIFICATION OF REACTOR VESSEL**
[54] **PROCEDES ASSOCIES A DES PROCESSUS D'OXYDATION AVANCEE POUR LE DEGAZAGE D'UNE CUVE DE REACTION**
[72] SZCESNIAK, ADAM, US
[72] WOOD, JONATHAN H., US
[72] COULTER, BRUCE L., US
[72] HALL, CHRISTOPHER, US
[71] EVOQUA WATER TECHNOLOGIES LLC, US
[85] 2017-09-14
[86] 2016-05-06 (PCT/US2016/031248)
[87] (WO2016/179514)
[30] US (62/158,014) 2015-05-07

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[13] A1
[51] **Int.Cl. A61K 38/16 (2006.01) A61K 31/00 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **COMBINATION OF BACTERICIDAL AGENT WITH A LYSOSOMOTROPIC ALKALINISING AGENT FOR THE TREATMENT OF A BACTERIAL INFECTION**
[54] **METHODE DE TRAITEMENT D'UNE INFECTION BACTERIENNE**
[72] EICHENSEHER, FRITZ, CH
[71] MICREOS HUMAN HEALTH B.V., NL
[85] 2017-09-08
[86] 2016-03-10 (PCT/EP2016/055076)
[87] (WO2016/142445)
[30] EP (15158880.3) 2015-03-12

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[13] A1
[51] **Int.Cl. G07F 17/32 (2006.01) G06Q 40/02 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CREDITING WAGERING ACTIVITY**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE CREDITER UNE ACTIVITE DE PARI**
[72] SANFORD, KIRK E., US
[72] SEARS, THOMAS M., US
[72] SATTAR, OMER, US
[71] SIGHTLINE INTERACTIVE LLC, US
[85] 2017-09-14
[86] 2016-04-01 (PCT/US2016/025627)
[87] (WO2016/161323)
[30] US (62/141,823) 2015-04-01
[30] US (14/813,718) 2015-07-30

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[13] A1
[51] **Int.Cl. A61M 25/01 (2006.01) A61B 17/00 (2006.01) A61M 25/092 (2006.01)**
[25] EN
[54] **STEERABLE MEDICAL DEVICES, SYSTEMS, AND METHODS OF USE**
[54] **DISPOSITIFS MEDICAUX ORIENTABLES, SYSTEMES ET LEURS PROCEDES D'UTILISATION**
[72] SALAHIEH, AMR, US
[72] LEPAK, JONAH, US
[72] LEPAK, EMMA, US
[72] SAUL, TOM, US
[72] DUERI, JEAN-PIERRE, US
[72] TRAUTMAN, JOSEPH CREAGAN, US
[72] CHENG, CHRISTOPHER T., US
[72] RENATI, RICHARD JOSEPH, US
[72] MIXTER, COLIN, US
[72] BITOUN, MARC, US
[71] SHIFAMED HOLDINGS, LLC, US
[85] 2017-09-14
[86] 2016-03-28 (PCT/US2016/024505)
[87] (WO2016/160694)
[30] US (62/139,559) 2015-03-27

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[13] A1
[51] **Int.Cl. F42B 39/00 (2006.01) B65B 27/06 (2006.01) B65B 29/00 (2006.01) B65D 79/00 (2006.01) B65D 85/30 (2006.01) F42B 3/00 (2006.01) F42B 39/30 (2006.01)**
[25] EN
[54] **DETONATOR PACKAGING SYSTEM AND METHOD**
[54] **PROCEDE ET SYSTEME D'EMBALLAGE DE DETONATEUR**
[72] OLIVARES, CESAR A., CL
[72] RIVERA, LEONARDO G., US
[72] THOMAS, J. DONALDSON, US
[71] DYNO NOBEL INC., US
[85] 2017-09-14
[86] 2016-04-13 (PCT/US2016/027236)
[87] (WO2016/168265)
[30] US (62/146,506) 2015-04-13

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[13] A1
[51] **Int.Cl. A61K 31/197 (2006.01)**
[25] EN
[54] **METHODS OF IMPROVING PHYSIOLOGICAL RESPONSES RELATED TO POST-TRAUMATIC STRESS DISORDER THROUGH DIETARY SUPPLEMENTATION**
[54] **METHODES D'AMELIORATION DES REPONSES PHYSIOLOGIQUES ASSOCIEES A UN TROUBLE DE STRESS POST-TRAUMATIQUE PAR UNE COMPLEMENTATION ALIMENTAIRE**
[72] HOFFMAN, JAY R., US
[71] NATURAL ALTERNATIVES INTERNATIONAL, INC., US
[85] 2017-08-21
[86] 2016-02-26 (PCT/US2016/019900)
[87] (WO2016/138454)
[30] US (62/126,094) 2015-02-27

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[51] **Int.Cl. C07K 16/40 (2006.01) C12N 15/115 (2010.01) A61P 35/00 (2006.01) C07K 14/705 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **CONJUGATES FOR THE TREATMENT OF CANCER TARGETED AT INTRACELLULAR TUMOR-ASSOCIATED ANTIGENS**
[54] **CONJUGUES POUR LE TRAITEMENT DU CANCER CIBLANT LES ANTIGENES ASSOCIES AUX TUMEURS INTRACELLULAIRES**
[72] NESCHADIM, ANTON, CA
[71] IMMUNOBIOCHEM CORPORATION, CA
[85] 2017-09-15
[86] 2016-03-18 (PCT/CA2016/050307)
[87] (WO2016/145536)
[30] US (62/134,634) 2015-03-18

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[51] **Int.Cl. A01K 99/00 (2006.01) H04W 4/02 (2009.01) A01K 97/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **COMPUTER-IMPLEMENTED METHOD FOR SCORING FISH**
[54] **PROCEDE MIS EN □UVRE PAR ORDINATEUR POUR NOTATION DE POISSONS**
[72] ALFONSO, DEAN, CA
[72] CRUISE, KELLY, CA
[72] PETRAK, MARTIN, CA
[71] HAYDEN EQUITIES INC., CA
[85] 2017-09-15
[86] 2016-03-18 (PCT/CA2016/050309)
[87] (WO2016/145538)
[30] US (62/135,403) 2015-03-19

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[51] **Int.Cl. H04W 12/06 (2009.01) H04W 12/08 (2009.01) H04W 12/10 (2009.01)**
[25] EN
[54] **GPRS SYSTEM KEY ENHANCEMENT METHOD, SGSN DEVICE, UE, HLR/HSS AND GPRS SYSTEM**
[54] **PROCEDE D'AMELIORATION DE CLE DE SYSTEME GPRS, DISPOSITIF SGSN, UE, HLR/HSS ET SYSTEME GPRS**
[72] ZHANG, LIJIA, CN
[72] GE, CUILI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-09-15
[86] 2015-04-08 (PCT/CN2015/076118)
[87] (WO2016/161583)

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[13] A1
[51] **Int.Cl. A01N 1/00 (2006.01) C12N 5/07 (2010.01) A61K 35/00 (2006.01) C12N 1/26 (2006.01)**
[25] EN
[54] **HANDLING OF BIOLOGICAL SAMPLES**
[54] **MANIPULATION D'ECHANTILLONS BIOLOGIQUES**
[72] VOM, EDUARDO, AU
[72] BECKITT, THOMAS, AU
[72] KISELYOV, ALEX, US
[72] PEURA, TEIJA TUULIKKI, AU
[72] GILIAM, KIM JOHN, AU
[71] GENEA IP HOLDINGS PTY LIMITED, AU
[85] 2017-09-15
[86] 2016-04-04 (PCT/AU2016/000113)
[87] (WO2016/154665)
[30] AU (2015901208) 2015-04-02

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[13] A1
[51] **Int.Cl. B29C 45/14 (2006.01) B29C 45/72 (2006.01) B60J 1/00 (2006.01) B60J 10/00 (2016.01)**
[25] EN
[54] **METHOD FOR FORMING ENCAPSULATION ASSEMBLY, AND VEHICLE WINDOW**
[54] **PROCEDE DE FORMATION D'UN ENSEMBLE D'ENCAPSULATION, ET VITRE DE VEHICULE**
[72] SUN, YANG, CN
[72] SHI, CE, CN
[72] GUO, XIAOHUI, CN
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2017-09-15
[86] 2016-02-19 (PCT/CN2016/074115)
[87] (WO2016/155428)
[30] CN (201510149434.2) 2015-03-31

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[13] A1
[51] **Int.Cl. A01N 55/06 (2006.01) A01N 57/00 (2006.01)**
[25] EN
[54] **COMPOUNDS AND THEIR USE AS BACE1 INHIBITORS**
[54] **COMPOSES ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE BACE1**
[72] CHERUKURY, MADHU, TW
[72] LIN, HSIAO-WEN, TW
[72] YU, SHU CHIEH, TW
[72] PHANG, RIPING, TW
[72] RAJAN, YESUDOSS CHRISTU, TW
[72] TANG-LIU, DIANE DAN-SHYA, TW
[72] BERESIS, RICHARD, TW
[72] WHITE, ANDREW D., TW
[72] MALONE, THOMAS, TW
[71] ALLGENESIS BIOTHERAPEUTICS, INC., TW
[85] 2017-09-14
[86] 2016-04-20 (PCT/US2016/028502)
[87] (WO2016/172255)
[30] US (62/150,715) 2015-04-21
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[51] **Int.Cl. C07D 231/00 (2006.01) A01N 25/00 (2006.01) A01N 43/56 (2006.01) A01P 13/00 (2006.01) C07C 22/04 (2006.01) C07C 23/08 (2006.01)**
[25] EN
[54] **PYRAZOLE COMPOUNDS OR SALTS THEREOF, PREPARATION METHOD THEREFOR, HERBICIDAL COMPOSITION AND USE THEREOF**
[54] **COMPOSE DE PYRAZOLE OU SEL CORRESPONDANT ET PROCEDE DE PREPARATION, COMPOSITION HERBICIDE ET UTILISATION CORRESPONDANTS**
[72] LIAN, LEI, CN
[72] ZHENG, YURONG, CN
[72] PENG, XUEGANG, CN
[72] JIN, TAO, CN
[72] CUI, QI, CN
[72] LI, SONG, CN
[71] QINGDAO KINGAGROOT CHEMICAL COMPOUNDS CO., LTD, CN
[85] 2017-09-15
[86] 2016-03-04 (PCT/CN2016/075577)
[87] (WO2017/113508)
[30] CN (201511030167.3) 2015-12-31

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[51] **Int.Cl. C05F 17/02 (2006.01) B65D 21/02 (2006.01) C05F 9/04 (2006.01)**
[25] EN
[54] **COMPOST BIN**
[54] **BAC DE COMPOSTAGE**
[72] WALLIS, ANTHONY BRUCE, AU
[72] WALLIS, RICHARD, NZ
[72] STEVENS, GRANT, NZ
[71] NEW ZEALAND BOX LIMITED, NZ
[85] 2017-09-15
[86] 2016-03-16 (PCT/AU2016/050182)
[87] (WO2016/145486)
[30] AU (2015900949) 2015-03-17

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[13] A1
[51] **Int.Cl. B60R 11/00 (2006.01)**
[25] EN
[54] **CONTAINER MOUNTING ASSEMBLY**
[54] **ENSEMBLE DE MONTAGE DE CONTENANT**
[72] SCHROEDER, TIMOTHY PAUL, US
[72] DRAKE, CHARLES DELBERT, US
[72] BAR-EREZ, EYAL, US
[71] FERNO-WASHINGTON, INC., US
[85] 2017-09-14
[86] 2016-04-21 (PCT/US2016/028618)
[87] (WO2016/172327)
[30] US (62/150,660) 2015-04-21

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[13] A1
[51] **Int.Cl. B63H 25/42 (2006.01) B63H 20/08 (2006.01) B63H 20/12 (2006.01) B63H 25/52 (2006.01)**
[25] EN
[54] **IMPROVED MOUNTING AND ACTUATION DEVICE**
[54] **DISPOSITIF DE MONTAGE ET D'ACTIONNEMENT AMELIORE**
[72] HOULE, MARK, CA
[72] GRIFFIN, ROBERT, CA
[72] BOULARD, NORMAN, CA
[71] SIDESHIFT INC., CA
[85] 2017-09-15
[86] 2016-03-18 (PCT/CA2016/050308)
[87] (WO2016/145537)
[30] US (62/135,098) 2015-03-18

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[13] A1
[51] **Int.Cl. F27D 3/12 (2006.01) B65G 47/00 (2006.01) F27D 3/02 (2006.01) F27D 5/00 (2006.01)**
[25] EN
[54] **CHARGE CARRIER**
[54] **PORTE-CHARGE**
[72] GROOS, BERND, DE
[71] SCHUNK KOHLENSTOFFTECHNIK GMBH, DE
[85] 2017-09-15
[86] 2016-02-19 (PCT/EP2016/053545)
[87] (WO2016/146338)
[30] DE (10 2015 205 020.3) 2015-03-19

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[13] A1
[51] **Int.Cl. B65H 5/12 (2006.01) A41B 9/12 (2006.01) B65H 20/16 (2006.01) B65H 20/18 (2006.01) B65H 29/28 (2006.01) B65H 35/00 (2006.01) D06C 11/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MECHANICALLY GRIPPING AND TRANSPORTING WEBS OF MATERIAL**
[54] **APPAREIL ET PROCEDE DE PREHENSION MECANIQUE ET TRANSPORT DE TOILES DE MATERIAU**
[72] INGOLE, SUDEEP, US
[72] KREIF, LLOYD, US
[72] SCHULZ, BRENDEN, US
[71] CURT G. JOA, INC., US
[85] 2017-09-14
[86] 2016-04-28 (PCT/US2016/029736)
[87] (WO2016/178897)
[30] US (62/155,935) 2015-05-01

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[13] A1
[51] **Int.Cl. H04W 80/12 (2009.01) H04W 12/06 (2009.01) A61B 8/13 (2006.01) G01S 15/89 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONNECTING AND CONTROLLING WIRELESS ULTRASOUND IMAGING SYSTEM FROM ELECTRONIC DEVICE**
[54] **SYSTEME ET PROCEDE POUR CONNECTER ET COMMANDER UN SYSTEME SANS FIL D'IMAGERIE A ULTRASONS A PARTIR D'UN DISPOSITIF ELECTRONIQUE**
[72] PELISSIER, LAURENT, CA
[72] DICKIE, KRIS, CA
[72] HANSEN, TREVOR, CA
[71] CLARIUS MOBILE HEALTH CORP., CA
[85] 2017-09-15
[86] 2016-03-23 (PCT/CA2016/050343)
[87] (WO2016/154739)
[30] US (14/671,773) 2015-03-27

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[13] A1
[51] **Int.Cl. B61G 7/10 (2006.01) B61G 9/22 (2006.01)**
[25] EN
[54] **RAIL VEHICLE, IN PARTICULAR A LOCOMOTIVE**
[54] **VEHICULE FERROVIAIRE, NOTAMMENT LOCOMOTIVE**
[72] KROISS, MANUEL, DE
[72] TRACHTENHERZ, ALEXANDER, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2017-09-15
[86] 2015-03-17 (PCT/EP2015/055538)
[87] (WO2016/146170)

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[13] A1
[51] **Int.Cl. E04G 7/30 (2006.01) E04G 7/22 (2006.01)**
[25] EN
[54] **ARTICULATED DISMOUNTABLE MODULAR SCAFFOLDING**
[54] **ECHAFAUDAGE MODULAIRE DEMONTABLE ARTICULE**
[72] VALERO VASSEUR, VICTOR, ES
[71] AYUDAME A AYUDARTE S.L., ES
[85] 2017-09-15
[86] 2016-03-14 (PCT/ES2016/070159)
[87] (WO2016/146871)
[30] ES (P 201530341) 2015-03-17

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[13] A1
[51] **Int.Cl. A47J 31/00 (2006.01) A47J 31/36 (2006.01)**
[25] EN
[54] **AUTOMATED DEVICE TO PREPARE BEVERAGES FROM CARTRIDGES**
[54] **DISPOSITIF AUTOMATISE POUR PREPARER DES BOISSONS CONTENUES DANS DES CARTOUCHES**
[72] PIRAS, RICCARDO, IT
[72] SUGGI LIVERANI, FURIO, IT
[72] PROIA, ELEUTERIO, IT
[72] GASPARIN, MAURIZIO, IT
[72] FUSCO, COSIMO, IT
[71] ILLYCAFFE' S.P.A. CON UNICO SOCIO, IT
[85] 2017-09-15
[86] 2016-03-17 (PCT/EP2016/055895)
[87] (WO2016/146793)
[30] IT (UD2015A000036) 2015-03-17

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[13] A1
[51] **Int.Cl. G03B 43/00 (2006.01) G02B 7/28 (2006.01) H04N 5/232 (2006.01) H04N 17/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PROVIDING A GRAPHIC REPRESENTATION OR GRAPHIC REPRESENTATION SEQUENCE FOR DETECTION BY A DETECTOR**
[54] **APPAREIL ET PROCEDE POUR FOURNIR UNE REPRESENTATION GRAPHIQUE OU UNE SEQUENCE DE REPRESENTATION GRAPHIQUE POUR UNE DETECTION PAR UN DETECTEUR**
[72] KIRSCH, MARTIN, DE
[71] PEPPERL + FUCHS GMBH, DE
[85] 2017-09-15
[86] 2015-09-15 (PCT/EP2015/071091)
[87] (WO2017/045706)

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[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01) A45D 97/00 (2011.01) G06Q 30/02 (2012.01) G06Q 50/10 (2012.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR CARRYING OUT VARIOUS TREATMENTS**
[54] **PROCEDES ET SYSTEMES POUR REALISER DIVERS TRAITEMENTS**
[72] HENKEL, DANIELE, CA
[72] MAHIEDDINE, LINDA, CA
[71] DANIELE HENKEL TO GO, CA
[85] 2017-09-15
[86] 2015-10-27 (PCT/CA2015/051094)
[87] (WO2016/145509)
[30] US (62/133,703) 2015-03-16

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[13] A1
[51] **Int.Cl. G06F 7/00 (2006.01) H04W 4/00 (2009.01) H04W 4/12 (2009.01) G06F 17/27 (2006.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **AUTOMATED CLASSIFICATION AND DETECTION OF SENSITIVE CONTENT USING VIRTUAL KEYBOARD ON MOBILE DEVICES**
[54] **CLASSIFICATION ET DETECTION AUTOMATISEES DE CONTENU SENSIBLE A L'AIDE D'UN CLAVIER VIRTUEL SUR DES DISPOSITIFS MOBILES**
[72] PULFER, CHARLIE, CA
[72] REID, PAUL, CA
[71] TITUS INC., CA
[85] 2017-09-15
[86] 2016-03-16 (PCT/CA2016/050294)
[87] (WO2016/112468)
[30] US (62/133,846) 2015-03-16

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[13] A1
[51] **Int.Cl. A61B 5/0444 (2006.01) A61B 5/024 (2006.01) A61B 5/0402 (2006.01) A61B 5/0408 (2006.01) A61B 5/0428 (2006.01) A61B 8/02 (2006.01)**
[25] EN
[54] **CONTINUOUS NON-INVASIVE MONITORING OF A PREGNANT HUMAN SUBJECT**
[54] **SURVEILLANCE NON INVASIVE CONTINUE D'UNE PATIENTE HUMAINE ENCEINTE**
[72] OZ, OREN, IL
[72] INTRATOR, NATHAN, IL
[71] NUVO GROUP LTD., IL
[85] 2017-09-15
[86] 2016-03-16 (PCT/IB2016/001109)
[87] (WO2016/170435)
[30] US (62/133,485) 2015-03-16
[30] US (14/921,489) 2015-10-23

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[13] A1
[51] **Int.Cl. A01B 37/00 (2006.01) A01B 35/28 (2006.01) A01B 79/00 (2006.01) E01C 23/02 (2006.01) E02F 5/12 (2006.01)**
[25] EN
[54] **WHEEL TRACK RENOVATOR AND METHOD OF USE**
[54] **DISPOSITIF DE REMPLISSAGE DE SILLONS LAISSES PAR DES ROUES ET SON PROCEDE D'UTILISATION**
[72] POSTLETHWAITE, NEALE, AU
[72] POSTLETHWAITE, TREVOR, AU
[71] TYNAB PTY LTD, AU
[85] 2017-09-15
[86] 2016-03-16 (PCT/AU2016/050187)
[87] (WO2016/145490)
[30] AU (2015900935) 2015-03-16

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[13] A1
[51] **Int.Cl. A22B 5/00 (2006.01)**
[25] EN
[54] **DEVICE FOR CLEANING AND PROCESSING THE RECTUM AND PELVIS OF SLAUGHTERED PIGS AND THE OPERATING METHOD FOR THE DEVICE**
[54] **DISPOSITIF DE NETTOYAGE ET DE TRAITEMENT DU RECTUM ET DE PELVIS DE PORCS SACRIFIES ET PROCEDE DE FONCTIONNEMENT DUDIT DISPOSITIF**
[72] JANE LOPEZ, FRANCISCO JAVIER, ES
[71] INNOVATIVE FOOD ROBOTICS-BANSS & AIRA, S. L., ES
[85] 2017-09-15
[86] 2015-12-17 (PCT/ES2015/070921)
[87] (WO2016/156633)
[30] ES (P201530426) 2015-03-30

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[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **CANNABIS CHAIN OF CUSTODY MANAGEMENT**
[54] **GESTION DE CHAINE DE TRACABILITE DU CANNABIS**
[72] WALDEN, MICHAEL, US
[71] WALDEN, MICHAEL, US
[85] 2017-09-15
[86] 2015-06-20 (PCT/US2015/036844)
[87] (WO2016/148733)
[30] US (14/663,373) 2015-03-19

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[13] A1
[51] **Int.Cl. F17C 13/04 (2006.01)**
[25] EN
[54] **HIGH PRESSURE GAS CONTAINER AND METHOD FOR MANUFACTURING HIGH PRESSURE GAS CONTAINER**
[54] **RECIPIENT DE GAZ A HAUTE PRESSION ET PROCEDE DE FABRICATION D'UN RECIPIENT DE GAZ A HAUTE PRESSION**
[72] TAKEMOTO, SHINICHIROU, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2017-09-15
[86] 2015-03-17 (PCT/JP2015/057906)
[87] (WO2016/147317)

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[13] A1
[51] **Int.Cl. C22B 11/00 (2006.01) B01J 20/06 (2006.01) C02F 1/28 (2006.01)**
[25] EN
[54] **AGENT FOR ADSORPTION OF RUTHENIUM FROM AQUEOUS SOLUTION AND METHOD FOR ADSORPTION OF RUTHENIUM FROM AQUEOUS SOLUTION**
[54] **AGENT POUR L'ADSORPTION DE RUTHENIUM A PARTIR D'UNE SOLUTION AQUEUSE ET PROCEDE POUR L'ADSORPTION DE RUTHENIUM A PARTIR D'UNE SOLUTION AQUEUSE**
[72] NAKASHIMA, TADAHITO, JP
[72] KIM, HYUN-JOONG, JP
[72] SAKUMA, TAKASHI, JP
[72] KOMATSU, MAKOTO, JP
[72] IZUMI, TAKESHI, JP
[71] CLARIANT CATALYSTS (JAPAN) K.K., JP
[71] EBARA CORPORATION, JP
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[54] **SYSTEME DE PURIFICATION DES GAZ D'ECHAPPEMENT EQUIPE D'UNE FONCTION DE PRODUCTION DE PUISSANCE**
[72] UCHIYAMA, NAOKI, JP
[71] ATSUMITEC CO., LTD., JP
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[54] **SYSTEME TELEMATIQUE**
[72] FAZI, PETER, CA
[71] AUTOMOTIVE DATA SOLUTIONS, INC., CA
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[54] **COMPOSITION PHARMACEUTIQUE A LIBERATION PROLONGEE**
[72] OKABE, KOMEI, JP
[72] FUJISAWA, TOYOMI, JP
[72] YAMADA, KAZUHITO, JP
[71] SANTEN PHARMACEUTICAL CO., LTD., JP
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[54] **MODULATION DE L'IMMUNITE TUMORALE PAR DISTRIBUTION D'O2 INDUITE PAR UNE PROTEINE**
[72] CARY, STEPHEN P. L., US
[72] KRTOLICA, ANA, US
[72] LE MOAN, NATACHA, US
[72] WINGER, JONATHAN A., US
[72] LEONG, KEVIN G., US
[71] OMNIOX, INC., US
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[54] **COMPOSITIONS AND METHODS FOR USE OF ANION CHANNEL RHODOPSINS**
[54] **COMPOSITIONS ET PROCEDES POUR UTILISATION DE RHODOPSINES-CANAUX ANIONIQUES**
[72] SPUDICH, JOHN LEE, US
[72] GOVORUNOVA, ELENA G., US
[72] SINESHCHEKOV, OLEG A., US
[71] BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
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[54] **ENSEMBLE D'ARRET POUR ARBRE D'ENTRAINEMENT**
[72] GHARIB, HOSSAM MOHAMED, CA
[72] BELL, STEVEN GRAHAM, CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **STEEL SHEET FOR HOT STAMPING AND METHOD FOR PRODUCING STEEL SHEET FOR HOT STAMPING, AND HOT STAMP FORMED BODY**
[54] **TOLE D'ACIER POUR ESTAMPAGE A CHAUD, SON PROCEDE DE FABRICATION ET ARTICLE MOULE ESTAMPE A CHAUD**
[72] AZUMA, MASAFUMI, JP
[72] SUWA, YOSHIHIRO, JP
[72] KONDO, YUSUKE, JP
[72] SATO, KOICHI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **REGLAGE AUTOMATIQUE DE PRECONTRAINTE DE TRANSDUCTEUR MAGNETOSTRICTIF POUR LA TELEMETRIE ACOUSTIQUE DANS UN PUITS DE FORAGE**
[72] LINES, RICHARD, GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **AUTOMATED MEMBRANE FABRICATION SYSTEM**
[54] **SYSTEME AUTOMATISE DE FABRICATION DE MEMBRANE**
[72] COON, JAMES, US
[72] HAMKINS-INDIK, TIAMA, US
[72] INGBER, DONALD E., US
[72] INGRAM, MILES, US
[72] LEVNER, DANIEL, US
[72] NOVAK, RICHARD, US
[72] PUERTA, JEFFERSON, US
[72] SHEA, DANIEL E., US
[72] SLIZ, JOSIAH, US
[72] WEN, NORMAN, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[54] **DEUTERIUM-ENRICHED HYPOXIA-INDUCIBLE FACTOR PROLYL HYDROXYLASE ENZYME INHIBITORS**
[54] **INHIBITEURS DE L'ENZYME PROLYL HYDROXYLASE DU FACTEUR INDUCTIBLE PAR HYPOXIE ENRICHIS EN DEUTERIUM**
[72] HANSELMANN, ROGER, US
[71] AKEBIA THERAPEUTICS, INC., US
[85] 2017-09-15
[86] 2016-03-18 (PCT/US2016/023132)
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[54] **AUTOMATED COMPUTER-AIDED DESIGN IN PREPARING CUT THERMAL ADHESIVE FILMS**
[54] **CONCEPTION ASSISTEE PAR ORDINATEUR AUTOMATISEE LORS DE LA PREPARATION DE FILMS ADHESIFS THERMIQUES DECOUPES**
[72] HARVILL, YOUNG, US
[71] ZAZZLE INC., US
[85] 2017-09-15
[86] 2016-03-16 (PCT/US2016/022683)
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[54] **RAILWAY SWITCH MECHANISM AND METHOD FOR OPERATING A RAILWAY SWITCH MECHANISM**
[54] **MECANISME D'AIGUILLAGE ET PROCEDE POUR FAIRE FONCTIONNER UN MECANISME D'AIGUILLAGE**
[72] JOHANSSON, BO, SE
[71] VERTEX SWEDEN AB, SE
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[54] **AN ACTIVATED LIGNIN COMPOSITION, A METHOD FOR THE MANUFACTURING THEREOF AND USE THEREOF**
[54] **COMPOSITION DE LIGNINE ACTIVEE, PROCEDE POUR PRODUIRE LADITE COMPOSITION ET UTILISATION DE LADITE COMPOSITION**
[72] ARESKOGH, DIMITRI, SE
[72] ZAFAR, ASHAR, SE
[71] STORA ENSO OYJ, FI
[85] 2017-09-15
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[54] **METHODS OF CLEANING INVERT EMULSION DRILLING FLUIDS**
[54] **PROCEDES DE NETTOYAGE DE FLUIDES DE FORAGE D'EMULSION INVERSE**
[72] MILLER, JEFFREY MILLER, US
[72] AYAPBERGENOV, YERZHAN, US
[72] NEWMAN, KATERINA V., US
[72] WALKER, JONATHAN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **COMPOSITIONS AND METHODS FOR TREATING HYPERTRIGLYCERIDEMIA**
[54] **COMPOSITIONS ET METHODES POUR TRAITER L'HYPERTRIGLYCERIDEMIE**
[72] CHIU, TING, CA
[72] HARIHARAN, NARAYANAN, US
[72] LEE, AMY C. H., CA
[72] PASETKA, CHRISTOPHER JUSTIN, CA
[72] PHELPS, JANET RUTH, CA
[72] SNEAD, NICHOLAS MICHAEL, US
[72] WIECZOREK, ANDREW ANTHONY, CA
[71] PROTIVA BIOTHERAPEUTICS, INC., CA
[85] 2017-09-15
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[54] **SELECTIVE MCL-1 BINDING PEPTIDES**
[54] **PEPTIDES DE LIAISON A MCL-1 SELECTIFS**
[72] REZAEI-ARAGHI, RAHELEH, US
[72] KEATING, AMY, US
[72] BIRD, GREGORY H., US
[72] WALENSKY, LOREN, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2017-09-15
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[25] EN
[54] **NOVEL BIPHASIC OR MULTIPHASIC PULSE GENERATOR AND METHOD**
[54] **NOUVEAU GENERATEUR D'IMPULSIONS BIPHASIQUES OU MULTIPHASIQUES ET PROCEDE ASSOCIE**
[72] RAYMOND, DOUGLAS M., US
[72] GRAY, PETER D., US
[71] CARDIOTHRIVE, INC., US
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[54] **ATTESTATION AUTOMATISEE D'INTEGRITE D'UN DISPOSITIF A L'AIDE D'UNE CHAINE DE BLOCS**
[72] SPRAGUE, MICHAEL, US
[72] SPRAGUE, STEVEN, US
[71] RIVETZ CORP., US
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[54] **DEVICES AND METHODS FOR DELIVERING A LYOPHILIZED MEDICAMENT**
[54] **DISPOSITIFS ET PROCEDES POUR ADMINISTRER UN MEDICAMENT LYOPHILISE**
[72] BLONDINO, FRANK E., US
[72] EDWARDS, ERIC S., US
[72] EDWARDS, EVAN T., US
[72] MEYERS, PAUL F., US
[71] KALEO, INC., US
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[54] **INHIBITEUR AMELIORE D'HYDRATE DE GAZ CINETIQUE A BASE DE POLY(VINYL CAPROLACTAME) ET SON PROCEDE DE PREPARATION**
[72] CLEMENTS, JOHN, US
[72] PAKULSKI, MAREK K., US
[72] RIETHMEYER, JAY, US
[72] LEWIS, DAVID C., US
[71] HUNTSMAN PETROCHEMICAL LLC, US
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[54] **SYSTEME DE COMMANDE POUR COMMANDE D'ACTIONNEMENT DE MOTEUR ELECTRIQUE SUBMERSIBLE**
[72] ST-LAURENT, DANIEL, CA
[72] FERLAND, THOMAS, CA
[72] BOUCHARD, SAMUEL, CA
[72] OTTH, DENIS, CA
[72] PICRON, DONAT, BE
[71] FRANKLIN EMPIRE, CA
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[25] EN
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[54] **ACIER POUR PIPELINE X80 PRESENTANT DE BONNES PERFORMANCES DE VIEILLISSEMENT APRES DEFORMATION, TUBE POUR PIPELINE ET PROCEDE DE PRODUCTION ASSOCIE**
[72] BAI, MINGZHUO, CN
[72] ZHENG, LEI, CN
[72] SUN, LEILEI, CN
[72] XU, GUODONG, CN
[72] WU, KOUGEN, CN
[72] XU, HAISHENG, CN
[71] BAOSHAN IRON & STEEL CO., LTD., CN
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[54] **SYSTEM AND METHOD FOR DISTRIBUTING FUEL**
[54] **SYSTEME ET PROCEDE DE DISTRIBUTION DE CARBURANT**
[72] MCKAY, STEPHEN WILLIAM, CA
[72] ESTOK, ROBERT MICHAEL, CA
[72] LADD, NEIL JOSEPH, CA
[71] 1119456 B.C. LTD., CA
[85] 2017-09-18
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[54] **CRAZING RESISTANT COATING AND METHOD THEREOF**
[54] **REVETEMENT RESISTANT A LA FISSURATION ET PROCEDE ASSOCIE**
[72] BROWN, JEFF, US
[72] MARSHALL, MICHAEL, US
[72] MOXON, JOHN, US
[71] VISION EASE, LP, US
[85] 2017-09-15
[86] 2016-03-18 (PCT/US2016/023206)
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[25] EN
[54] **OPTIMIZED COMBINATION THERAPY AND USE THEREOF TO TREAT CANCER AND AUTOIMMUNE DISEASE**
[54] **POLYTHERAPIE OPTIMISEE ET SON UTILISATION POUR LE TRAITEMENT DU CANCER ET DE MALADIES AUTO-IMMUNES**
[72] HE, WEI, CN
[71] ZHEJIANG DTRM BIOPHARMA CO., LTD., CN
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[86] 2016-03-18 (PCT/CN2016/000149)
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[54] **SYSTEM AND METHOD FOR LOW-PROFILE OCCLUSION BALLOON CATHETER**
[54] **SYSTEME ET PROCEDE POUR CATHETER D'OCCLUSION A BALLONNET A FAIBLE ENCOMBREMENT**
[72] FRANKLIN, CURTIS J., US
[72] SPENCER, DAVID, US
[72] KRUMMENACHER, TODD J., US
[71] PRYTIME MEDICAL DEVICES, INC., US
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[54] **APPLICATION OF ANTIMICROBIAL AGENTS TO MEDICAL DEVICES**
[54] **APPLICATION D'AGENTS ANTIMICROBIENS SUR DES DISPOSITIFS MEDICAUX**
[72] THIAGARAJAN, GIRIDHAR, US
[72] AMIN, MURTAZA YUSUF, US
[72] MATSON, JERRID, US
[71] C. R. BARD, INC., US
[85] 2017-09-12
[86] 2016-03-30 (PCT/US2016/025001)
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[30] US (62/140,206) 2015-03-30

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[25] EN
[54] **METHODS OF TREATING CANCERS, AUTOIMMUNE DISORDERS, AND OTHER CONDITIONS ASSOCIATED WITH CHRONIC INFLAMMATION**
[54] **METHODES DE TRAITEMENT DE CANCERS, DE TROUBLES AUTO-IMMUNS ET D'AUTRES ETATS ASSOCIES A L'INFLAMMATION CHRONIQUE**
[72] WILLIAMS, JONNIE R., US
[71] MYMD PHARMACEUTICALS, INC., US
[85] 2017-09-15
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[54] **BI-DIRECTIONAL DATA SECURITY FOR SUPERVISOR CONTROL AND DATA ACQUISITION NETWORKS**
[54] **SECURITE DE DONNEES BIDIRECTIONNELLE POUR RESEAUX SCADA**
[72] FISCHER, PETER, US
[72] FELDKAMP, ANDREW, US
[72] RODRIGUEZ, NELSON, US
[72] EDWARDS, JOSHUA, US
[71] SIERRA NEVADA CORPORATION, US
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[54] **COLLECTEURS DE LUMIERE DU JOUR AVEC COLLECTE DE LUMIERE DIFFUSE ET DIRECTE**
[72] JASTER, PAUL AUGUST, US
[71] SOLATUBE INTERNATIONAL, INC., US
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[54] **COMPOSITIONS AND METHODS FOR TARGETING CD99 IN HAEMATOPOIETIC AND LYMPHOID MALIGNANCIES**
[54] **COMPOSITIONS ET PROCEDES DE CIBLAGE DE CD99 DANS LES MALIGNITES LYMPHOIDES ET HEMATOPOIETIQUES**
[72] PARK, CHRISTOPHER Y., US
[72] CHUNG, STEPHEN SHIU-SAH, US
[72] TAVAKKOLI, MONTREH, US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
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[54] **GENERATION DE VIRUS OU D'AUTRES LYMPHOCYTES T SPECIFIQUES DE L'ANTIGENE A PARTIR D'UNE POPULATION DE LYMPHOCYTES T NAIFS**
[72] BOLLARD, CATHERINE, US
[72] CRUZ, CONRAD, US
[72] HANLEY, PATRICK, US
[71] CHILDREN'S NATIONAL MEDICAL CENTER, US
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[54] **PROCEDES D'OBTENTION DE PHOSPHOLIPIDES ET COMPOSITIONS ASSOCIEES**
[72] SAEBO, PER CHRISTIAN, NO
[72] MANCINELLI, DANIELE, NO
[71] ARCTIC NUTRITION AS, NO
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[54] **DISPOSITIF DE BUTEE DE MATERIAU DE PLAQUE**
[72] YAMANOBE, TETSURO, JP
[72] MATSUDA, JUN, JP
[72] SAITO, HIROSHI, JP
[72] MASUBUCHI, YUTA, JP
[72] IWAKAMI, YUJI, JP
[71] HONDA MOTOR CO., LTD., JP
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[72] HARA, TOMOTAKA, JP
[72] TAKAYAMA, SATOSHI, JP
[72] HARA, TAKANOBU, JP
[71] INOAC CORPORATION, JP
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[54] **SOLID PREPARATION CONTAINING ANTIOXIDANT**
[54] **PREPARATION SOLIDE CONTENANT UN AGENT ANTIOXYDANT**
[72] TAJIRI, SHINICHIRO, JP
[72] HISAZUMI, JIN, JP
[72] YOSHINAGA, SHINJI, JP
[72] FUJIMORI, HIROYUKI, JP
[72] ARAI, HIROAKI, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
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[54] **SOLID PREPARATION CONTAINING COLORANT**
[54] **COLORANT CONTENANT UNE PREPARATION SOLIDE**
[72] TAJIRI, SHINICHIRO, JP
[72] YOSHINAGA, SHINJI, JP
[72] OZAKI, YURIKA, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
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[54] **STRUCTURED BODY HAVING HYDROPHOBIC SURFACE, AND METHOD FOR PRODUCING THE SAME**
[54] **STRUCTURE AYANT UNE SURFACE HYDROPHOBE, ET SON PROCEDE DE FABRICATION**
[72] ARAKI, KEI, JP
[72] AKUTSU, YOSUKE, JP
[72] IWAMOTO, SHINYA, JP
[71] TOYO SEIKAN GROUP HOLDINGS, LTD., JP
[85] 2017-09-18
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[54] **ANTICARIOGENIC AGENT AND ANTICARIOGENIC COMPOSITION**
[54] **AGENT ANTI-CARIOGENE ET COMPOSITION ANTI-CARIOGENE**
[72] TERAHARA, MASAKI, JP
[72] TAKAHASHI, TAKESHI, JP
[72] ITOU, HIROYUKI, JP
[71] MEIJI CO., LTD., JP
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[54] **COLLECTING DEVICE AND METHOD FOR LOOSEN AND COLLECT DEBRIS IN A WELL**
[54] **DISPOSITIF DE RAMASSAGE ET PROCEDE POUR AMEUBLIR ET RAMASSER DES DEBRIS DANS UN PUITS**
[72] HAUGLAND, LASSE, NO
[71] QINTERRA TECHNOLOGIES AS, NO
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[54] **MATERIAL DELIVERY SYSTEM**
[54] **SYSTEME DE DELIVRANCE DE MATERIAU**
[72] BREWSTER, DOUGLAS E., US
[72] SALAMONY, KEITH J., US
[72] RICKERT, JEFFREY S., US
[72] CRISWELL, ROBERT G., US
[72] DOWLER, BRIAN L., US
[71] IPEG, INC., US
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[54] **SELF-MOVING APPARATUS AND COMPONENTS THEREOF**
[54] **APPAREIL A AUTO-DEPLACEMENT ET SES COMPOSANTS**
[72] SAPARGALIYEV, ALDAN ASANOVICH, KZ
[71] SAPARGALIYEV, ALDAN ASANOVICH, KZ
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[54] **DISPOSITIFS STABILISATEURS POUR CARTER D'OUTIL DE FORAGE**
[72] SAVAGE, JOHN KEITH, CA
[72] BELL, STEVEN GRAHAM, CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-09-18
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[54] **A NUCLEIC ACID CONSTRUCT FOR CONFERRING HERBICIDE TOLERANCE IN PLANTS**
[54] **HYBRIDE D'ACIDE NUCLEIQUE PERMETTANT DE CONFERER UNE TOLERANCE AUX HERBICIDES DANS LES PLANTES**
[72] MITTENDORF, VOLKER, US
[72] HIPSKIND, JOHN, US
[72] AZHAKANANDAM, KASI, US
[71] SYNGENTA PARTICIPATIONS AG, CH
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[54] **PROCEDE ET PROCESSUS POUR ENRICHIR UNE BOISSON PREBIOTIQUE EN FRUCTANE D'AGAVE**
[72] MUHLBACH CACERES, PAULINA, MX
[72] REYES CERVANTES, VICENTE, MX
[71] MUHLBACH CACERES, PAULINA, MX
[71] REYES CERVANTES, VICENTE, MX
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[54] **CABLE A FIBRE OPTIQUE COMPRENANT COUCHE DE CONTROLE D'ADHERENCE**
[72] CHAWDA, AMIT, US
[72] CHEN, YANGBIN, US
[72] CHIEN, CHING-KEE, US
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
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[54] **SYSTEM AND METHOD FOR INSTRUCTING PERSONNEL ON WASHROOM MAINTENANCE REQUIREMENTS**
[54] **SYSTEME ET PROCEDE POUR INSTRUIRE LES MEMBRES D'UN PERSONNEL SUR LES EXIGENCES D'ENTRETIEN DES WC**
[72] BECKER, STEPHEN, US
[72] DUNBAR, CHARLENE, US
[72] KIRKLAND, JASON, US
[72] MOEDE, WARREN, US
[72] SCHULZ, THOMAS H., US
[72] SHEEHAN, CHRISSY, US
[72] SHIPP, PETER W., JR., US
[72] TRAMONTINA, PAUL F., US
[72] ZIELINSKI, MATTHEW T., US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
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[54] **ANALYSE DE CELLULE UNIQUE A L'AIDE D'UNE SPECTROMETRIE DE MASSE IONIQUE SECONDAIRE**
[72] NOLAN, GARRY P., US
[72] HENDALL, SEAN C., US
[72] ANGELO, ROBERT M., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
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[54] **DISPOSITIF DE PHOTOTHERAPIE**
[72] KENNEDY, JOHN, CA
[72] TREADWELL, SIMON, CA
[72] KAYSER, ROY, CA
[71] COURTNEY VENTURES INC., CA
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[72] JUNUTULA, JAGATH R., US
[72] JAMMALAMADAKA, VASU, US
[71] CELLERANT THERAPEUTICS, INC., US
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[54] **SYSTEME DE MAINTIEN DE PLAQUETTE DE FREIN A DISQUE ET PROCEDE DE MONTAGE**
[72] RADHAKRISHNAN, HARISH, US
[72] LANTZ, RICHARD L., US
[72] DENG, KAILIN, US
[71] BENDIX SPICER FOUNDATION BRAKE LLC, US
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[54] **GARNITURE DE PORT DE COMMUNICATION DE DONNEES CONFIGURABLE AVEC DES INDICES POUR PERSONNALISER L'ETIQUETAGE ET L'IDENTIFICATION D'UNE STATION DE COMMUNICATION DE DONNEES**
[72] LIPKE, DEAN, US
[72] YANNI, JENNIFER, US
[72] LAUBY, WILLIAM J., US
[72] BRAGG, CHARLES, US
[71] LEVITON MANUFACTURING CO., INC., US
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[25] EN
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[54] **IMPLANT CONCU POUR ORTEIL EN MARTEAU ET FIXATION DE PETIT OS**
[72] FINLEY, ADAM, US
[72] HOEPPNER, JACY, US
[72] STONE, KEVIN, US
[71] BIOMET C.V., US
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[25] EN
[54] **TEXTILE ENGINEERED PROSTHETICS, BIOREACTORS, AND METHODS OF MANUFACTURING TEXTILE ENGINEERED PROSTHETICS**
[54] **PROTHESES DE GENIE TEXTILE, BIOREACTEURS, ET PROCEDES DE FABRICATION DE PROTHESES DE GENIE TEXTILE**
[72] WHITING, ERIC H., US
[72] WINNER, SETH A., US
[72] HO, EMILY Y., US
[72] HARRIS, JEREMY J., US
[72] GABRIELLE, PETER D., US
[71] THE SECANT GROUP, LLC, US
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[54] **INTELLIGENT WIRING DEVICES**
[54] **DISPOSITIFS DE CABLAGE INTELLIGENT**
[72] ITZLER, ROY J., US
[72] SCANZILLO, THOMAS L., US
[72] ABUGHAZALEH, SHADI A., US
[72] WILLIAMS, MICHAEL K., US
[71] HUBBELL INCORPORATED, US
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[54] **RENFORCEMENT DE CATHETER CONSTITUE DE RUBANS EN ARC TRESSES**
[72] VAN LIERE, CHAD, US
[71] BARD PERIPHERAL VASCULAR, INC., US
[85] 2017-09-18
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[54] **SYNTHETIC APERTURE ULTRASOUND SYSTEM**
[54] **SYSTEME A ULTRASONS A OUVERTURE SYNTHETIQUE**
[72] HAYES, JAMES, J., US
[72] FREIBURG, EVAN, US
[72] KRUSE, DUSTIN, US
[71] DECISION SCIENCES MEDICAL COMPANY, LLC, US
[85] 2017-09-18
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[54] **DISPOSITIF DIFFUSEUR COMMANDE**
[72] D'AMICO, DANIEL M., US
[71] SCENT2MARKET INC., US
[85] 2017-09-18
[86] 2016-03-18 (PCT/US2016/023108)
[87] (WO2016/149609)
[30] US (62/134,836) 2015-03-18
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[54] **METHODS AND COMPOSITIONS TO INHIBIT SYMPTOMS ASSOCIATED WITH VEISALGIA**
[54] **PROCEDES ET COMPOSITIONS POUR INHIBER LES SYMPTOMES ASSOCIES A LA VEISALGIE**
[72] IVERSEN, JACQUELINE M., US
[72] IVERSEN, JAMES M., US
[71] IVERSEN, JACQUELINE M., US
[71] IVERSEN, JAMES M., US
[85] 2017-09-18
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[21] **2,980,163**
[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/82 (2013.01) A61F 2/86 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR HEART VALVE THERAPY**
[54] **SYSTEMES ET METHODES POUR THERAPIE DES VALVULES CARDIAQUES**
[72] GANESAN, KAVITHA, US
[72] VENKATASUBRAMANIAN, RAMJI T., US
[72] SCHWEICH, CYRIL J., JR., US
[72] MORTIER, TODD J., US
[71] CAISSON INTERVENTIONAL, LLC, US
[85] 2017-09-18
[86] 2016-03-17 (PCT/US2016/022774)
[87] (WO2016/149453)
[30] US (62/135,276) 2015-03-19

[21] **2,980,164**
[13] A1
[51] **Int.Cl. B01D 15/12 (2006.01) B01D 21/24 (2006.01) B65D 90/02 (2006.01)**
[25] EN
[54] **THICKENER FEED DISTRIBUTOR**
[54] **DISTRIBUTEUR D'ALIMENTATION D'EPAISSISSANT**
[72] COOK, MICHAEL A., US
[72] KUJAWA, CHRISTIAN, US
[71] PATERSON & COOKE IDEAS. LTD., US
[85] 2017-09-18
[86] 2016-03-18 (PCT/US2016/023218)
[87] (WO2016/149650)
[30] US (62/135,497) 2015-03-19

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[21] **2,980,170**
[13] A1
[51] **Int.Cl. A61K 36/28 (2006.01) A61K 31/352 (2006.01) A61K 47/40 (2006.01) A61P 17/02 (2006.01) A61P 17/06 (2006.01) A61P 17/18 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **COMPOSITIONS CONTAINING SILYMARIN AND SULFOALKYL ETHER CYCLODEXTRIN AND METHODS OF USING THE SAME**
[54] **COMPOSITIONS CONTENANT DE LA SILYMARINE ET DU SULFOALKYL-ETHER DE CYCLODEXTRINE ET LEURS METHODES D'UTILISATION**
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[72] RAJEWSKI, ROGER, US
[72] MAINOUS, BEAU, US
[71] CYDEX PHARMACEUTICALS, INC., US
[71] UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC., US
[85] 2017-09-18
[86] 2016-03-18 (PCT/US2016/023309)
[87] (WO2016/149685)
[30] US (62/135,625) 2015-03-19

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[21] **2,980,172**
[13] A1
[51] **Int.Cl. C12N 15/09 (2006.01) C12N 1/21 (2006.01) C12N 15/10 (2006.01) C12N 15/11 (2006.01) C12Q 1/68 (2006.01) C40B 40/08 (2006.01)**
[25] EN
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[54] **PRODUCTION ACELLULAIRE D'ACIDE RIBONUCLEIQUE**
[72] BLAKE, WILLIAM JEREMY, US
[72] CUNNINGHAM, DREW S., US
[72] MACEACHRAN, DANIEL, US
[71] GREENLIGHT BIOSCIENCES, INC., US
[85] 2017-09-18
[86] 2016-03-30 (PCT/US2016/024937)
[87] (WO2016/160936)
[30] US (62/140,407) 2015-03-30

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[21] **2,960,552**
[13] A1
[51] **Int.Cl. C10M 125/10 (2006.01) C10L 10/00 (2006.01) C10L 10/04 (2006.01)**
[25] EN
[54] **MULTI-PURPOSE ADDITIVE FOR COMBUSTION ENGINE**
[54] **ADDITIF MULTIUSAGE DESTINE A UN MOTEUR A COMBUSTION**
[72] MOUSA, WASEEM HUSSEIN ABDELKARIM, JO
[71] CONSCIENCE LABS CORPORATION, CA
[22] 2017-03-08
[41] 2017-09-08
[30] CA (2,923,043) 2016-03-08

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[21] **2,967,441**
[13] A1
[51] **Int.Cl. A61F 2/42 (2006.01)**
[25] EN
[54] **TALAR DOME PROSTHESIS**
[54] **PROTHESE DE DOME D'ASTRAGALE**
[72] WEST, JERRY W., US
[71] WRIGHT MEDICAL TECHNOLOGY, INC., US
[22] 2014-09-12
[41] 2016-03-12
[62] 2,896,943

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[21] **2,972,004**
[13] A1
[51] **Int.Cl. B29C 45/26 (2006.01)**
[25] EN
[54] **MOLD POSITIONING DEVICE**
[54] **DISPOSITIF DE POSITIONNEMENT DE MOULE**
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[72] BRAND, DIETMAR TIEMO, CA
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[72] PAPA, RENATO, CA
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[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[22] 2013-12-06
[41] 2014-08-14
[62] 2,897,693
[30] US (61/761,354) 2013-02-06
[30] US (61/840,095) 2013-06-27
[30] US (61/875,764) 2013-09-10

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[21] **2,974,774**
[13] A1
[51] **Int.Cl. A61B 5/151 (2006.01) A61B 5/157 (2006.01)**
[25] EN
[54] **LANCETS FOR BODILY FLUID SAMPLING SUPPLIED ON A TAPE**
[54] **LANCETTES D'ECHANTILLONNAGE DE LIQUIDE BIOLOGIQUE DISPOSEES SUR UNE BANDE**
[72] RANEY, CHARLES C., US
[72] LIST, HANS, DE
[72] ROE, STEVEN N., US
[71] F. HOFFMANN-LA ROCHE AG, CH
[22] 2005-04-27
[41] 2005-11-17
[62] 2,932,743
[30] US (10/836,578) 2004-04-30
[30] US (11/105,686) 2005-04-14

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[21] **2,978,588**
[13] A1
[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **SINGLE-USE INJECTOR OF LOW COST**
[54] **INJECTEUR A USAGE UNIQUE PEU COUTEUX**
[72] QUINN, MICHAEL, US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 2011-05-18
[41] 2012-11-22
[62] 2,836,232

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[13] A1
[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/32 (2006.01)**
[25] EN
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[54] **INJECTEUR A USAGE UNIQUE PEU COUTEUX**
[72] QUINN, MICHAEL, US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 2011-05-18
[41] 2012-11-22
[62] 2,836,232

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[21] **2,978,720**
[13] A1
[51] **Int.Cl. B65G 47/14 (2006.01) B65G 17/30 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROCESSING AND/OR INSPECTING PELLET-SHAPED ARTICLES**
[54] **METHODE ET APPAREIL PERMETTANT DE TRAITER ET CONVOYER DES ARTICLES EN FORME DE BILLES**
[72] ACKLEY, E. MICHAEL, JR., US
[72] FORD, MARK, US
[72] PALMER, DANIEL J., US
[71] ACKLEY MACHINE CORPORATION, US
[22] 2007-12-14
[41] 2008-06-26
[62] 2,672,587
[30] US (60/874,717) 2006-12-14

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[21] **2,979,232**
[13] A1
[51] **Int.Cl. F41H 13/00 (2006.01) B64C 19/00 (2006.01) B64C 39/02 (2006.01) B64D 1/04 (2006.01) B64D 45/04 (2006.01)**
[25] EN
[54] **MULTIMODE UNMANNED AERIAL VEHICLE**
[54] **VEHICULE AERIEN SANS EQUIPAGE MULTIMODE**
[72] MIRALLES, CARLOS, US
[71] AEROVIRONMENT, US
[22] 2010-02-02
[41] 2010-10-28
[62] 2,759,383
[30] US (61/149,304) 2009-02-02
[30] US (61/241,017) 2009-02-09
[30] US (61/240,985) 2009-02-09
[30] US (61/240,987) 2009-02-09
[30] US (61/240,996) 2009-02-09
[30] US (61/241,001) 2009-02-09

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[21] **2,979,259**
[13] A1
[51] **Int.Cl. A01C 1/02 (2006.01) A01C 1/00 (2006.01)**
[25] EN
[54] **SEED TESTING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE TEST DE SEMENCE**
[72] PETERSEN, CHRISTOPHER LEE, US
[72] EASTIN, JOHN ALVIN, US
[72] MEYER, TIMOTHY RAYMOND, US
[71] KAMTERTER PRODUCTS, LLC, US
[22] 2008-09-19
[41] 2009-03-26
[62] 2,928,415
[30] US (11/903,022) 2007-09-20

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[21] **2,979,360**
[13] A1
[51] **Int.Cl. E03D 9/10 (2006.01) E03D 11/11 (2006.01)**
[25] EN
[54] **MACERATING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE MACERATION**
[72] POHLER, DONALD M., US
[72] HEINSLER, MATTHEW S., US
[72] WILLIAMS, DAVID M., US
[71] LIBERTY PUMPS, INC., US
[22] 2012-02-10
[41] 2012-08-23
[62] 2,827,176
[30] US (13/027,878) 2011-02-15
[30] US (13/028,102) 2011-02-15

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[21] **2,979,363**
[13] A1
[51] **Int.Cl. F04D 9/00 (2006.01) F04D 29/22 (2006.01)**
[25] EN
[54] **MACERATING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE MACERATION**
[72] POHLER, DONALD M., US
[72] HEINSLER, MATTHEW S., US
[72] WILLIAMS, DAVID M., US
[71] LIBERTY PUMPS, INC., US
[22] 2012-02-10
[41] 2012-08-23
[62] 2,827,176
[30] US (13/027,878) 2011-02-15
[30] US (13/028,102) 2011-02-15

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[21] **2,979,369**
[13] A1
[51] **Int.Cl. B01J 19/10 (2006.01)**
[25] EN
[54] **CAVITATION GENERATION MECHANISMS AND THEIR USE IN FERMENTATION AND WASTEWATER AND SAND CLEANING PROCESSES**
[54] **MECANISMES DE GENERATION DE CAVITATION ET LEUR UTILISATION DANS LA FERMENTATION ET LES PROCEDES DE NETTOYAGE DES EAUX USEES ET DU SABLE**
[72] ACKERMANN, HEIKO, DE
[72] HEPTING, EMIL, DE
[71] ABS APPARATE, BEHALTER- UND SONDERANLAGENBAU GMBH, DE
[22] 2014-12-04
[41] 2015-06-10
[62] 2,873,330
[30] US (14/102,279) 2013-12-10

[21] **2,979,457**
[13] A1
[51] **Int.Cl. G01N 15/00 (2006.01)**
[25] EN
[54] **METHODS, STORAGE MEDIUMS, AND SYSTEMS FOR CONFIGURING CLASSIFICATION REGIONS WITHIN A CLASSIFICATION MATRIX OF AN ANALYSIS SYSTEM AND FOR CLASSIFYING PARTICLES OF AN ASSAY**
[54] **PROCEDES, SUPPORTS DE STOCKAGE, ET SYSTEMES POUR CONFIGURER DES ZONES DE CLASSIFICATION DANS UNE MATRICE DE CLASSIFICATION D'UN SYSTEME D'ANALYSE ET POUR CLASSIFIER DES PARTICULES D'UN DOSAGE**
[72] ROTH, WAYNE D., US
[71] LUMINEX CORPORATION, US
[22] 2009-07-17
[41] 2010-01-21
[62] 2,730,982
[30] US (61/081558) 2009-07-17

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CHEN, MICHAEL A.	2,684,228
CHEN, PEISONG	2,838,449
CHEN, ROGER JINTEH ARRIGO	2,684,801
CHEN, YING	2,838,449
CHEN, YING	2,875,521
CHEN, ZHIQIANG	2,858,256
CHEVRON U.S.A. INC.	2,802,698
CHIEN, WEI-JUNG	2,838,449
CHILDERS, WINTHROP D.	2,724,274
CHOI, HAN-SUN	2,907,714
CHOI, IN HWAN	2,888,511
CHOW, PAULO S. T.	2,665,854
CHRISTENSEN, ROBERT I.	2,727,443
CHUN, SUNGDUCK	2,767,736
CIOFFI, BRYAN	2,780,394
CIPPITANI, LUCIANO	2,712,092
CLARK, BARRY ALLAN	2,940,477
CLARK, CARLTON WAYNE	2,643,841
CLARKE, NIGEL J.	2,709,156
CLASSON, BRENDAN	2,731,220
CLEM, WILLIAM E.	2,887,799
CLEMENTS, JEREMY SCOTT	2,708,877
COLGATE-PALMOLIVE COMPANY	2,846,504
COMCAST CABLE COMMUNICATIONS, LLC	2,684,228
COMEAU, MICHAEL R.	2,595,786
CONKLE, CURTIS	2,812,186
CONSALO, CORINNE, E.	2,901,152
CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC)	2,766,901
CONVATEC TECHNOLOGIES INC.	2,849,596
COOK, STEVEN J.	2,817,811
COOLSYSTEMS, INC.	2,779,305
COPPERHEAD INDUSTRIAL INC.	2,937,276
CORR, STUART	2,909,431
CORREDERA GUILLEN, PEDRO	2,766,901
CORTES RAMIREZ, JORGE ARMANDO	2,698,820
COULTHARD, RICHARD DANIEL JOHN	2,743,645
COUPE, DOMINIQUE	2,765,021
COVIDIEN LP	2,705,182
CRAIG, STANLEY R., JR.	2,641,821
CRANK, DONALD L.	2,645,333
CREDO TECHNOLOGY CORPORATION	2,697,590
CRENSHAW, DAVID	2,952,671
CRISCUOLO, CHRISTOPHER J.	2,721,546
CRYSTAL, ROGER	2,942,611
CSIR	2,754,975
CZARNOWSKI, JAMES TAYLOR	2,954,068
D'SILVA, ALBEN	2,926,758
DAHLMAN, ERIK	2,692,032
DALEY, THOMAS J.	2,554,250
DANG-VU, TRONG	2,710,049
DANIELSSON, FREDRIK	2,738,086
DANISCO US INC.	2,718,017
DANISCO US INC.	2,727,443
DARE-BRYAN, PETER CONRAN	2,894,290
DARST, DANIEL	2,957,195
DATTA, KESHAVA	2,887,799

DAVIDSON, ROBERT R. 2,885,547
DAVIDSON, ROBERT R. 2,889,735
DAVIS, HUNTER 2,813,886
DAVIS, MURRAY W. 2,834,544
DAVIS, NATHAN 2,812,186
DAXIT PTY LTD. 2,639,138
DAY, RICHARD FRANCIS 2,768,379
DE BORTOLI, MARC 2,790,384
DE LA CHEVROTIERE, ALEXANDRE 2,869,050
DE LEERSNIJDER, CEDRIC 2,703,971
DE LEON VAZQUEZ, EDUARDO 2,838,286
DE SIMON, GIULIO 2,781,926
DE SOUZA, DAVID GEORGES 2,718,269
DEAMER, DAVID W. 2,684,801
DEFILIPPIS, MICHAEL S. 2,643,841
DEGUZMAN, MICHAEL 2,901,928
DEJESUS, WILLIAM M. 2,849,601
DELAHAYE, ROMAIN 2,798,062
DELANEY, MICHAEL L. 2,905,748
DELAWARE CAPITAL FORMATION, INC. 2,857,805
DELEVE, TRAVIS 2,906,098
DEMBKOWSKI, DANIEL 2,872,440
DEMOPULOS, GREGORY A. 2,832,187
DENKA COMPANY LIMITED 2,807,751
DENORMAND, RICHARD S. 2,834,563
DENTSPLY INTERNATIONAL INC. 2,812,778
DESPONDS, ARNAUD 2,821,711
DESRANLEAU DANDURAND, ULYSSE 2,927,442
DETRAZ, NOEL JOSEPH FRANCOIS 2,773,486
DEVICOR MEDICAL PRODUCTS, INC. 2,887,799
DEVLIN, HUGH 2,797,326
DHALIWAL, RAJDEEP S. 2,727,443
DIETZ, TIMOTHY G. 2,887,799
DIGMANN, CHARLES 2,916,510
DIJKHUIZEN, LUBBERT 2,761,257
DILLON, DANIEL M. 2,846,811
DINSMORE, NICHOLAS ROWE 2,898,464
DO, TU DIEN 2,794,818
DOBRUCHOWSKA, JUSTYNA MALGORZATA 2,761,257
DOMANTIS LIMITED 2,731,220
DOMBROSKI, ROBERT 2,728,841
DOMBROSKI, ROBERT 2,729,082
DONAHUE, THOMAS P. 2,801,505
DONG, SHUQIANG 2,858,256
DOW, PHILIP JAMES 2,954,068
DOYE, CHRISTIAN 2,799,835
DOYE, CHRISTIAN 2,799,841
DRAGO, GENE 2,676,926
DRAGOVICH, ZELJKO 2,854,026
DRAKE, JEFF D. 2,743,166
DRAKE, JEFF DONALD 2,723,097
DREIBHOLZ, JOERG 2,754,167
DREXLER, ALBERT 2,824,834
DUBOIS, JEAN-CLAUDE 2,647,747
DUCEUX, STEPHANE 2,790,384
DUDLER, TOM 2,832,187
DUGERIE, MARC 2,798,062
DUNBAR, WILLIAM B. 2,684,801
DUNN, MELISSA W. 2,828,997
DUQUE, LINA 2,790,384
DURHAM, DANNY 2,812,186
DURRIE, DANIEL S. 2,561,388
DUTTA, ASHUTOSH 2,894,329
DUVALL, BRIDGET 2,757,743
DYCK, TYLER JARRET 2,708,877
E.G.O. ELEKTRO-GERATEBAU GMBH 2,712,892
E.I. DU PONT DE NEMOURS AND COMPANY 2,760,087
EBAY INC. 2,923,573
ECKARDT, BERND 2,709,201
ECO COMPTEUR 2,647,747
EDWARDS, JOEL 2,938,301
EDWARDS, JOHN 2,773,296
EISAI R&D MANAGEMENT CO., LTD. 2,861,479
ELBERS, KNUT 2,698,301
ELC MANAGEMENT LLC 2,896,712
ELENBAAS, STEVEN 2,787,427
ELI LILLY AND COMPANY 2,901,928
ELING, BEREND 2,761,093
ELLIS, MARK 2,786,335
ELLIS, MICHAEL D. 2,820,780
ELROD, ERIC 2,843,038
ELROD, ERIC 2,843,040
EMBRECHTS, ROGER 2,703,971
EMORI, MOTOTSUGU 2,865,545
ENTIDAD PUBLICA EMPRESARIAL ADMINISTRADOR DE INFRAESTRUCTURAS FERROVIARIAS 2,766,901
EOFF, LARRY STEVEN 2,830,813
EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H. 2,756,733
ERIKSSON, SVEN-AKE 2,788,409
ERNO, JASON DANIEL 2,854,719
EST GROUP, INC. 2,874,623
EVERETT, BRYAN J. 2,817,811
EVONIK CORPORATION 2,737,484
EVONIK DEGUSSA GMBH 2,747,609
EVONIK DEGUSSA GMBH 2,872,440
EVONIK FIBRES GMBH 2,804,233
EVONIK ROHM GMBH 2,824,834
F. HOFFMANN-LA ROCHE AG 2,754,167
F. HOFFMANN-LA ROCHE AG 2,879,252
FACE, BRADBURY R. 2,776,360
FACEBOOK, INC. 2,844,861
FACEBOOK, INC. 2,915,945
FACHINGER, VICKY 2,698,301
FAIRES, DAVID 2,531,857
FAJARDO, VICTOR 2,894,329
FARHANGI, SHAHRAM 2,710,732
FARR, ROBERT ALLAN 2,787,427
FARRARO, ERIC J. 2,923,573
FEDERICI, FRANCO 2,811,229
FEICHTINGER, KLAUS 2,756,733
FELGENHAUER, MARTIN 2,821,711
FELTON, JESSICA 2,780,992
FENYVES, ANDRAS 2,901,892
FERENZ, MICHAEL 2,747,609
FERRAN, MICHAEL 2,871,234
FERRARIS, DANA 2,757,743
FERRARO, DAVID 2,728,841
FERRARO, DAVID 2,729,082
FIERRO, CRISTIAN 2,863,686
FINCH, MICHAEL F. 2,723,097
FINCH, MICHAEL F. 2,743,166
FITZPATRICK, DAVID R. 2,595,786
FLETCHER, MARK 2,838,280
FLITSCH, FREDERICK A. 2,871,234
FLOREZ CALDERON, LUCIO 2,698,820
FLORIDI, GIOVANNI 2,811,229
FLYNN, DAVID 2,852,273
FMR LLC 2,880,119
FOLEY, PETER 2,820,937
FOOTFALLS AND HEARTBEATS LIMITED 2,900,343
FOREST PRODUCTS COMMISSION 2,766,810
FOSCHINI, FULVIO 2,814,874
FRANCIS, RYAN 2,885,872
FRANKLIN, MARK A. 2,688,502
FRANKS, DARIN 2,723,097
FREEMAN, MARK S. 2,957,195
FREESE, ROBERT 2,866,761
FRESENIUS MEDICAL CARE HOLDINGS, INC. 2,785,806
FREUND, SEBASTIAN 2,781,926
FRIESEN, RAYMOND J. 2,786,363
FRIGSTAD, JOHN R. 2,780,992
FRONTLINE INTERNATIONAL, INC. 2,729,698
FUJITA, YOSHIHITO 2,862,764
FUJITSU LIMITED 2,868,591
FUJITSU LIMITED 2,922,232
FUMAGALLI, STEFANO 2,811,229
FYFE, MATTHEW COLIN THOR 2,812,683
GABOURIE, MARK 2,718,871
GAIKWAD, RAHUL RAMCHANDRA 2,912,963
GAILLARD, PIETER JAAP 2,752,373
GAJJI, BHARGAV 2,912,963
GALLAGHER, P. SEAN 2,697,590
GALLEGOS CAZARES, SERGIO 2,698,820
GAMMON, SCOTT PETER 2,794,818
GANGULY, SANGEETA 2,676,926
GAO, MENG 2,714,839
GARAPATI, PAVAN K. 2,554,250
GARAT, XAVIER 2,873,578
GARCIA, LEON 2,652,392
GARCIA-ECHEVERRIA, CARLOS 2,736,361
GARGIULO, MICHAEL J. 2,890,673
GATMAN, TODD R. 2,680,584
GAVALIS, ROBB M. 2,699,750
GAY, BRUNO 2,751,432
GE RENEWABLE TECHNOLOGIES 2,790,384

GE-HITACHI NUCLEAR ENERGY AMERICAS LLC 2,643,841
GENDRE, ANDREW S. 2,932,025
GENERAL ELECTRIC COMPANY 2,707,943
GENERAL ELECTRIC COMPANY 2,710,732
GENERAL ELECTRIC COMPANY 2,713,522
GENERAL ELECTRIC COMPANY 2,714,839
GENERAL ELECTRIC COMPANY 2,717,685
GENERAL ELECTRIC COMPANY 2,854,719
GENERAL ELECTRIC COMPANY 2,898,464
GENERAL MILLS, INC. 2,762,824
GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION, INC. 2,676,926
GEORGIA-PACIFIC CHEMICALS LLC 2,729,297
GERDES, MICHAEL 2,779,929
GERDING, MICHAEL 2,811,616
GILBERT, REGINALD DAVID 2,694,773
GILL, BARJINDERPAL S. 2,807,829
GILL, HAROLD 2,838,280
GILL, PARAMJIT S. 2,807,829
GILLOT, JULIEN 2,761,781
GLICK, GARY D. 2,915,237
GLICK, JONATHAN 2,721,546
GLIDDEN, JODY D. 2,715,154
GLOBAL THE ONE KOREA CO., LTD. 2,878,585
GLYNN, CHRISTOPHER CHARLES 2,898,464
GOETTKE, STEPHAN 2,761,093
GOLDMAN, MILDRED M. 2,709,156
GOLDSMITH, MICHAEL ANDREW 2,837,383
GOMES DA SILVA, RUBERLAN 2,779,152
GOMEZ, MARIA 2,920,245
GONG, WEILIANG 2,821,512
GONZALEZ HERRAEZ, MIGUEL 2,766,901
GOODRIDGE, RICHARD JOHN 2,894,290
GOOGLE INC. 2,890,673
GRAHAM PACKAGING COMPANY, L.P. 2,735,814
GRAHAM, JAMES 2,797,326
GRANT, KEVIN L. 2,852,273
GRANT, STEVE 2,731,220
GREENEDEN U.S. HOLDINGS II, LLC 2,885,822
GREENER, BRYAN 2,821,842
GREISSON, ERIK ARTUR 2,888,714
GRIFFITH, CARL D. 2,901,482
GRIFFITHS, BRYAN 2,849,596
GRINFELD, DMITRY 2,865,058
GROTHERR, JOERN 2,737,731
GUNTAUR, PAULA 2,753,686
HABARAKADA, SHYAM S. 2,828,997
HACKER, DEAN 2,780,992
HACKL, MANFRED 2,756,733
HACKMAN, STEVEN EDWARD 2,708,877
HAGAR, EVERETT PHILIP 2,926,758
HAIER US APPLIANCE SOLUTIONS, INC. 2,723,097
HAIER US APPLIANCE SOLUTIONS, INC. 2,743,166
HALLIBURTON ENERGY SERVICES, INC. 2,830,813
HALLIBURTON ENERGY SERVICES, INC. 2,866,761
HALLIBURTON ENERGY SERVICES, INC. 2,888,530
HALLIBURTON ENERGY SERVICES, INC. 2,889,704
HALLIBURTON ENERGY SERVICES, INC. 2,907,714
HALLIBURTON ENERGY SERVICES, INC. 2,912,963
HALLIBURTON ENERGY SERVICES, INC. 2,912,971
HALLIBURTON ENERGY SERVICES, INC. 2,926,758
HALLIBURTON ENERGY SERVICES, INC. 2,929,370
HALLIBURTON ENERGY SERVICES, INC. 2,932,025
HALLIBURTON ENERGY SERVICES, INC. 2,964,874
HALLIDAY, ANDREW 2,920,245
HAMILTON, GREGORY 2,757,743
HAN, JEFFERSON Y. 2,805,104
HAN, JEFFERSON Y. 2,808,429
HAN, SANGDON 2,770,866
HANEFELD, ANDREA 2,730,694
HANING, RYAN M. 2,753,686
HANNEGAN, DON M. 2,682,663
HANSON, MARK 2,665,854
HAR-NOY, MICHAEL 2,525,596
HARMAN, ROBERT M. 2,841,828
HARTWELL, EDWARD YERBURY 2,821,842
HASHIGAMI, HIROSHI 2,774,405
HASZ, WAYNE CHARLES 2,717,685
HAY, RICHARD THOMAS 2,964,874
HAYASHI, ATSUTAKA 2,861,030
HEAD, PHILIP 2,731,039
HEADWATER RESEARCH LLC 2,811,577
HECKLER & KOCH GMBH 2,902,390
HEDLEY, JAY E. 2,909,279
HEFLIN, CHRISTOPHER 2,697,590
HEIDECKE, KARSTEN 2,871,397
HEINRICH, RUSSELL 2,708,646
HELMS, CHAD MICHAEL 2,723,097
HEMIGHAUS, GREGORY 2,802,698
HENDERLIGHT, MICHAEL K. 2,753,686
HENG, MENG H. 2,727,443
HERBAUT, GHISLAIN 2,855,676
HERCULES LLC 2,899,546
HIBNER, JOHN A. 2,887,799
HICKS, JOSHUA JAMES 2,940,477
HIGGINS, RUSSELL PATRICK 2,643,841
HIGHAM, CAMILLE A. 2,871,234
HIGHLAND, BRETT 2,764,208
HILLIER, SHAWN 2,745,918
HINES, JOHN B. 2,729,297
HIRAIDE, NOBUHIKO 2,861,030
HIRAO, TAKAYUKI 2,913,316
HO, COLIN STEPHEN SAMUEL 2,706,055
HOBIE CAT COMPANY 2,954,068
HODGIN, CHRIS 2,860,556
HOFFMANN, CHRISTIAN 2,737,731
HOLDEN, DUSTIN ROBERT 2,889,704
HOLMES, STEVE 2,731,220
HOMA, DANIEL S. 2,841,828
HONEYWELL INTERNATIONAL INC. 2,714,290
HONG, BING YEE 2,945,966
HORI, TAKESHI 2,946,792
HORN, STEVE 2,780,394
HORNE, KEVIN M. 2,898,506
HORST, CHRISTOPHER A. 2,885,872
HOSTOPIA.COM INC. 2,752,447
HU, XIAOCHEN 2,919,897
HUAWEI TECHNOLOGIES CO., LTD. 2,922,994
HUBERMAN, ELIEZER 2,881,901
HUGHES, ROBERT J. 2,887,799
HUMPHREYS, DAVID PAUL 2,786,335
HUNG, CHENG-HUNG 2,871,739
HUO, SHOUDONG 2,834,384
HURD, PHILLIP W. 2,729,297
HURT, NICHOLAS 2,684,801
IBIQUITY DIGITAL CORPORATION 2,705,407
IBIQUITY DIGITAL CORPORATION 2,733,513
IBSEN, MARK 2,843,038
IBSEN, MARK 2,843,040
ICF MFORM LLC 2,905,021
ICOMET SPA 2,712,092
IENAGA, HIROFUMI 2,862,764
IGNATOVICH, OLGA 2,731,220
ILIAS, SAMIR 2,800,779
ILLINOIS TOOL WORKS INC. 2,885,547
ILLINOIS TOOL WORKS INC. 2,885,872
ILLINOIS TOOL WORKS INC. 2,889,735
IMAGENE 2,718,269
IMMUNOVATIVE THERAPIES, LTD. 2,525,596
IMTHERA MEDICAL, INC. 2,641,821
INFIANA GERMANY GMBH & CO. KG 2,695,957
INFINITY LASER MEASURING LLC 2,957,195
INGMANSON, MICHAEL D. 2,717,683
INNOVATIONAL HOLDINGS, LLC 2,504,524
INNOVIA FILMS LIMITED 2,769,549
INOUE, YOSHIHARU 2,861,030
INSTITUT NATIONAL D'OPTIQUE 2,800,779
INSTITUTE FOR INFORMATION INDUSTRY 2,913,379

INSTITUTO TECNOLOGICO Y DE ESTUDIOS SUPERIORES DE MONTERREY 2,698,820
INTELLIGENT IMPLANT SYSTEMS, LLC 2,777,963
INTUIT INC. 2,919,904
IOTA ENGINEERING LLC 2,952,671
IOZZELLI, FEDERICO 2,762,476
IP RESERVOIR, LLC 2,688,502
IRDETO B.V. 2,708,924
IROA TECHNOLOGIES LLC 2,701,476
ISHIDA, TAKASHI 2,938,645
ISHIHARA SANGYO KAISHA, LTD. 2,804,240
ITOH, NAOHIRO 2,884,240
IVICS, ZOLTAN 2,692,501
IZSVAK, ZSUZSANNA 2,692,501
J.R. SIMPLOT COMPANY 2,906,098
JACKO, MICHAEL SCOT 2,908,033
JACOB, CHRISTOPHE 2,896,712
JAGGER, KARL A. 2,780,992
JAIN, RAKHI 2,766,654
JANSSEN, GISELLE 2,764,208
JAPAN SCIENCE AND TECHNOLOGY AGENCY 2,920,328
JENKS, GORDON 2,887,799
JENSEN, ANNE ELISABETH CARVALHO 2,652,392
JENSEN, MORTEN HOLM 2,846,338
JENSEN, PEDER 2,761,760
JEROMINEK, HUBERT 2,800,779
JIANG, WEIBIN 2,843,038
JIANG, WEIBIN 2,843,040
JIANGSU ROTAM CHEMISTRY CO., LTD. 2,834,948
JIMENEZ, DESMOND 2,764,208
JIN, SHUN YI 2,724,056
JOHN BEAN TECHNOLOGIES CORPORATION 2,531,857
JOHNSON & JOHNSON VISION CARE, INC. 2,871,234
JOHNSON, DONALD MIKE 2,748,054
JOHNSON, GLENN ALLEN 2,866,322
JONES, CHRISTOPHER 2,766,810
JONES, CHRISTOPHER MICHAEL 2,866,761
JONES, ROBERT M. 2,770,866
JORISCH, PER ERIK ANDERS 2,888,714
JOSHI, RAJAN LAXMAN 2,841,957
JOYAL, JOHN 2,745,918
JUDIS, CARMEN-ANISIA 2,692,501
JUNG, JAE-KYU 2,770,866
JUNG, SUNGHOON 2,767,736
JUNGE, HEIKO 2,737,731
KABUSHIKI KAISHA TOSHIBA 2,894,329
KAESELER, WERNER 2,937,276
KAHLE, CHARLES F. 2,871,739
KAKENO, YUJI 2,911,062
KAKIMOTO, MASAKAZU 2,836,382
KAMEN, DEAN 2,852,273
KAMERLING, JOHANNIS PAULUS 2,761,257
KAMON, SEIICHI 2,868,591
KANDA, HIROYUKI 2,870,121
KANE, JOHN MICHAEL 2,787,427
KANOUS, TREVOR 2,820,937
KAPOOR, ROHIT 2,881,059
KAPPLER, JERROD AARON 2,723,097
KARCZEWICZ, MARTA 2,838,449
KARCZEWICZ, MARTA 2,841,957
KARDAS, JASON CHRISTOPHER 2,954,068
KARIMINE, KENICHI 2,880,953
KARUMURI, RAM SUMAN 2,915,945
KASTNER, HANS GUNTHER 2,910,308
KASVIKIS, DINO 2,701,289
KATAOKA, KAZUNORI 2,920,328
KATZER, ANDREA 2,692,501
KAWAHATA, KOHJI 2,884,240
KAWAHATA, KOJI 2,898,428
KBA-NOTASYS SA 2,897,069
KCI LICENSING, INC. 2,743,645
KEILERS, DONALD G. 2,747,657
KELLER, THOMAS L. 2,868,604
KELLEY, PAUL V. 2,735,814
KELLY, RUTH 2,850,891
KELM, ROLAND 2,695,957
KENNEDY, MARC ADAM 2,802,226
KERR, PAUL 2,747,444
KETTERMAN, GREGORY SCOTT 2,954,068
KEUP, MICHAEL 2,872,440
KHACHATURIAN, JON 2,795,663
KHAN, ZAEEM, ASHRAF 2,854,719
KHOLOMEEV, ALEXANDER 2,725,590
KIDMOSE, PREBEN 2,846,338
KIEL, TOBIAS 2,827,018
KIIK, MATTI 2,726,320
KILL, GRAHAM 2,708,924
KILSGAARD, SOREN 2,846,338
KIM, BYOUNG GILL 2,888,511
KIM, JEONG WOO 2,888,511
KIM, JIN WOO 2,888,511
KIMBALL, IAN 2,765,054
KINZIE, KEVIN WAYNE 2,854,719
KIRKHOPE, KENNEDY J. 2,926,758
KISER, WILLIAM E. 2,897,566
KISHIMOTO, KAZUAKI 2,938,645
KIXMOELLER, MARION 2,698,301
KLEIN, SAMUEL 2,852,273
KLEINLAUTH, PHILLIP 2,726,320
KLEYMAN, GENNADY 2,709,617
KLEYMAN, GENNADY 2,709,667
KLOCKOW, SCOTT ALAN 2,908,033
KNIESE, LEIF 2,916,510
KNOKE, ROBIN L. 2,957,195
KNUDSEN, NICK 2,901,928
KOBRAEI, HENRY 2,743,166
KOBZIAR, DANKO 2,874,623
KOCH, JOHN M. 2,863,686
KOEHRSEN, CRAIG L. 2,817,811
KOESLER, PAUL D. 2,846,811
KOLLAH, RAPHAEL O. 2,871,739
KOMINAR, JEREMY LAWSON 2,849,625
KOPECEK, JOSEPH THOMAS 2,797,985
KOSA, TIMOTHY D. 2,721,546
KOTLYAR, ALEX 2,874,623
KOVALENKO, GALINA 2,885,822
KOYAMA, TAKAYUKI 2,938,645
KRAFT FOODS R & D, INC. 2,920,245
KRALJ, SLAVKO 2,761,257
KRATZER, TIMO 2,899,130
KRAUSE, ERIC J. 2,957,195
KRAVITZ, DAVID WILLIAM 2,838,675
KROHNE MESSTECHNIK GMBH 2,810,864
KROHNE MESSTECHNIK GMBH 2,811,616
KRUEGER, URSUS 2,799,835
KRUEGER, URSUS 2,799,841
KRUPA, ROBERT J. 2,699,750
KRUZENISKI, MICHAEL J. 2,753,686
KUEBELBECK, ARMIN 2,730,694
KUHNE, CRAIG MILLER 2,898,464
KULLENBERG, RAGNAR 2,738,086
KURODA, TOSHIHIKO 2,784,837
KUTZER, HANS PETER 2,897,520
KWAK, MIN SUNG 2,888,511
KWON, IG GEUN 2,748,846
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AILERON THERAPEUTICS, INC.	2,979,847
AIRBUS OPERATIONS GMBH	2,979,829
AIROPACK TECHNOLOGY GROUP B.V.	2,974,469
AITKEN, MURRAY	2,979,656
AITKEN, MURRAY	2,979,657
AITKEN, MURRAY	2,979,660
AIVADO, MANUEL	2,979,847
AKEBIA THERAPEUTICS, INC.	2,979,985
AKERSTROM, BO	2,976,697
AKERSTROM, BO	2,977,458
AKHMADI EKO, WARDOYO	2,979,800
AKUTSU, YOSUKE	2,980,099
AKZO NOBEL CHEMICALS INTERNATIONAL B.V.	2,979,311
AKZO NOBEL COATINGS INTERNATIONAL B.V.	2,974,859
AL-HAJ ALI, MOHAMMAD	2,975,953
ALBERT KNEBEL HOLDING GMBH	2,979,098
ALDRICH, STUART RIPLEY	2,979,436
ALESSANDRO, JESSICA	2,970,462
ALEXANDER, DANIEL JOHN	2,979,535
ALEXANDERWERK GMBH	2,978,825
ALFONSO, DEAN	2,979,896
ALLEAUME, ROMAIN	2,973,284
ALLEN, MARTIN PATRICK	2,975,716
ALLERA, JEAN-PIERRE	2,969,420
ALLERSDORFER, ANDREA	2,976,687
ALLEY, NIGEL	2,967,599
ALLEY, NIGEL J.	2,967,598
ALLEY, RANDALL	2,975,199
ALLGENESIS BIOTHERAPEUTICS, INC.	2,979,905
ALLOSTEROS THERAPEUTICS, INC.	2,960,101
ALMA MATER STUDIORUM UNIVERSITA' DI BOLOGNA	2,974,868
ALMEIDA, LAUREN J.	2,979,703
ALTINTAS, ISIL	2,973,159
ALUMIER EUROPE LIMITED	2,979,532
ALVARADO, ALBERTO	2,975,542
ALZCHEM AG	2,978,986
AMAL THERAPEUTICS SA	2,973,747
AMAL THERAPEUTICS SA	2,973,757
AMAZON TECHNOLOGIES, INC.	2,979,677
AMAZON TECHNOLOGIES, INC.	2,979,691
AMBROSE, NICHOLAS LIETH	2,979,483
AMELING, JOHN	2,960,116
AMGEN INC.	2,959,615
AMIN, MURTAZA YUSUF	2,980,020
AMON, BARBARA	2,979,107
AMON, BARBARA	2,979,116
AMOUZEGH, PATRICIA LEONIE	2,977,588
ANDERSCH, WOLFRAM	2,975,944
ANDERSSON, HAKAN	2,973,936
ANDO, KAZUMA	2,979,804
ANDO, KAZUMA	2,979,805
ANDO, KAZUMA	2,979,810
ANDRE, DAVID	2,973,782
ANDRE, ISABELLE	2,979,123
ANDREEV, ALEXANDRA	2,973,758
ANDRITZ FIEDLER GMBH	2,978,249
ANGELINI, THOMAS, ETTOR	2,969,592
ANGELO, ROBERT M.	2,980,133
ANGLO AMERICAN SERVICES (UK) LTD	2,979,535
ANJON BIOLOGICS, INC.	2,979,546
ANKER, GEORG	2,975,813
ANNIS, DAVID ALLEN	2,979,847
ANVYL LLC	2,979,853
APEIRON BIOLOGICS AG	2,977,588
APFELBACHER, ANDREAS	2,975,003
APPELL, JENS EKKEHART	2,978,370
APPELLA, DANIEL	2,979,843
ARAI, HIROAKI	2,980,096
ARAKI, KEI	2,980,099
ARAVAMUDHAN, BHARATH	2,979,818
ARCE SAEZ, JOAN CARLOS	2,975,444
ARCE SAEZ, JOAN CARLOS	2,976,032
ARCHEOPTIX BIOMEDICAL INC.	2,979,741
ARCONIC INC.	2,979,561
ARCTIC NUTRITION AS	2,980,043
ARESKOGH, DIMITRI	2,979,990
ARIE, MAY BEN	2,973,758
ARKEMA FRANCE	2,973,782
ARLANXEO DEUTSCHLAND GMBH	2,975,846
ARLANXEO DEUTSCHLAND GMBH	2,975,847
ARMBRUSTER, RAINER	2,975,643
ARNGREN, TOMMY	2,979,658
ARRIS ENTERPRISES LLC	2,972,989
ARRIS ENTERPRISES LLC	2,973,079
ARRIS ENTERPRISES LLC	2,973,101
ARRIS ENTERPRISES LLC	2,973,103
ARRIS ENTERPRISES LLC	2,973,492
ARRIS ENTERPRISES LLC	2,973,611
ARROWHEAD PHARMACEUTICALS, INC.	2,979,703
ARSANIS BIOSCIENCES GMBH	2,978,847
ARSANIS BIOSCIENCES GMBH	2,978,855
ARTUSI, ROBERTO	2,979,758
ARUNKUMAR, LAKSHMI	2,973,103
ASAHI KASEI KABUSHIKI KAISHA	2,979,748
ASAHI, YUKA	2,979,644
ASANO, SATOSHI	2,979,639
ASARI, DAISUKE	2,979,523
ASSOCIATION FRANCAISE CONTRE LES MYOPATHIES	2,975,427
ASSOCIATION FRANCAISE CONTRE LES MYOPATHIES	2,975,569
ASTENJOHNSON PGMBH	2,975,650
ASTEX THERAPEUTICS LIMITED	2,976,356
ATANASSOV, PLAMEN B	2,979,531
ATHLEY, FREDRIK	2,978,489
ATILIO LOS, MARIO	2,977,168

ATSUMITEC CO., LTD. 2,979,967
AUGIER, FREDERIC 2,979,007
AUKRUST, INGER-REIDUN 2,973,803
AUREALIS OY 2,975,636
AURICCHIO, ALBERTO 2,979,120
AURO TECHNOLOGIES NV 2,978,075
AUTOMOTIVE DATA SOLUTIONS, INC. 2,979,968
AVERY DENNISON CORPORATION 2,970,462
AVEXXIN AS 2,973,803
AWS SCHAFER TECHNOLOGIE GMBH 2,979,430
AYAPBERGENOV, YERZHAN 2,979,993
AYUDAME A AYUDARTE S.L 2,979,935
AZHAKANANDAM, KASI 2,980,121
AZUMA, HIROKI 2,979,737
AZUMA, HIROKI 2,979,808
AZUMA, MASAFUMI 2,979,978
AZUSAWA, NAOTO 2,979,737
AZUSAWA, NAOTO 2,979,808
BAADER, BENJAMIN 2,925,625
BAASNER, SILKE 2,974,865
BABA-AHMED, ABDELATIF 2,973,782
BABAD, JEFFREY 2,979,697
BABAR, ASAD 2,978,701
BABARIA, JIGAR 2,974,353
BABISH, JOHN G. 2,979,690
BACH, SEBASTIAN 2,979,579
BACHAR, YEHUDA 2,978,677
BACHMANN NIELSEN, JOACHIM 2,973,517
BACHMANN, HERWIG 2,975,636
BADARAU, ADRIANA 2,978,847
BADARAU, ADRIANA 2,978,855
BADIEI, SHAHRIAR 2,979,522
BAE SYSTEMS PLC 2,968,023
BAE, HYUN AE 2,975,374
BAE, JAE-HYEON 2,974,341
BAI, MINGZHUO 2,980,012
BAI, XIAOLIN 2,979,576
BAI, XIAOLIN 2,979,578
BAI, XIAOLIN 2,979,580
BAI, YICHENG 2,979,521
BAINBRIDGE, MARIE 2,973,739
BAKER HUGHES, A GE COMPANY, LLC 2,978,561
BAKER HUGHES, A GE COMPANY, LLC 2,978,701
BALASUBRAMANYAM, CHUNDRU 2,960,101
BALDENIUS, KAI-UWE 2,978,131
BALINT, JOZSEF 2,974,853
BALL EUROPE GMBH 2,979,582
BALLOCCHI, PAOLO 2,969,613
BALTES, NICHOLAS J. 2,975,709
BAO, AINAN 2,979,402
BAOSHAN IRON & STEEL CO., LTD. 2,980,012
BAR-EREZ, EYAL 2,979,908
BAR-YOSEPH, FABIANA 2,975,235
BARANYAI, ZSOLT 2,973,643
BARBER, JOHN H. 2,972,093
BARD PERIPHERAL VASCULAR, INC. 2,980,156
BARDEN, TIMOTHY CLAUDE 2,959,757
BARDON, SEBASTIEN 2,974,886
BARNHOLTZ, STEVEN LEE 2,971,604
BARNSCHEID, LUTZ 2,975,653
BARRETT, JOHN REGINALD 2,975,197
BARTELS, BJOERN 2,979,113
BARTHOLOMEW, MICHELLE ANNE 2,978,026
BASF SE 2,968,500
BASF SE 2,976,596
BASF SE 2,976,716
BASF SE 2,978,037
BASF SE 2,978,131
BASF SE 2,978,228
BASSANI, NICKLAS 2,978,653
BASTING, DANIEL 2,976,971
BASTING, DANIEL 2,976,972
BASTING, DANIEL 2,976,973
BATTLES, MICHAEL B. 2,978,847
BAUMANN, ROBERT 2,976,716
BAUMERT, THOMAS 2,978,833
BAUMHOF, PATRICK 2,975,333
BAUTISTA MESTER, RAFAEL 2,974,859
BAVA, LUCIANA 2,968,025
BAY, HENRIK 2,971,503
BAYAT, ARDESHIR 2,975,348
BAYER AKTIENGESELLSCHAFT 2,975,012
BAYER CROPSCIENCE AKTIENGESELLSCHAFT 2,975,659
BAYER CROPSCIENCE AKTIENGESELLSCHAFT 2,975,944
BAYER CROPSCIENCE LP 2,979,549
BAYER HEALTHCARE PHARMACEUTICALS INC. 2,978,807
BAYER HEALTHCARE PHARMACEUTICALS INC. 2,978,830
BAYER OY 2,974,167
BAYER PHARMA AKTIENGESELLSCHAFT 2,973,414
BAYER PHARMA AKTIENGESELLSCHAFT 2,974,853
BAYER PHARMA AKTIENGESELLSCHAFT 2,975,639
BAYER PHARMA AKTIENGESELLSCHAFT 2,975,668
BAYER PHARMA AKTIENGESELLSCHAFT 2,976,971
BAYER PHARMA AKTIENGESELLSCHAFT 2,976,972
BAYER PHARMA AKTIENGESELLSCHAFT 2,976,973
BAYER PHARMA AKTIENGESELLSCHAFT 2,978,807
BAYER PHARMA AKTIENGESELLSCHAFT 2,978,830
BAZER-BACHI, FREDERIC 2,979,007
BEAK, OH HYUN 2,972,615
BEARD, PHILIPPE 2,979,007
BECK, ANDREAS 2,974,467
BECK, SIMON 2,974,875
BECKER, MATTHEW 2,967,949
BECKER, MICHAEL 2,979,107
BECKER, MICHAEL 2,979,116
BECKER, STEPHEN 2,980,129
BECKITT, THOMAS 2,979,900
BECTON, DICKINSON AND COMPANY 2,979,281
BECTON, DICKINSON AND COMPANY 2,979,285
BEDNARIK, DANIEL, P. 2,979,724
BEECHEM, JOSEPH M. 2,968,519
BEHAN, JOHN MARTIN 2,974,825
BEHAN, JOHN PAUL 2,974,825
BEI, KANG 2,979,052
BEIER, MARKUS 2,978,368
BEISELE, CHRISTIAN 2,976,825
BELA, FRANK 2,978,238
BELDER, RENE 2,979,777
BELINA PHARMA AB 2,973,913
BELKIND, BENJAMIN A. 2,979,482
BELL, GORDON 2,979,818
BELL, STEVEN GRAHAM 2,979,977
BELL, STEVEN GRAHAM 2,980,119
BELLENGER, THOMAS 2,973,195
BELNOUE, ELODIE 2,973,747
BELNOUE, ELODIE 2,973,757
BELTRAN, CHRISTINE J. 2,971,452
BEN-DROR, GAI 2,975,235
BENDALL, SEAN C. 2,980,133
BENDER, ECKHARD 2,976,971
BENDER, ECKHARD 2,976,972
BENDER, ECKHARD 2,976,973
BENDIX SPICER FOUNDATION BRAKE LLC 2,980,139
BENDZINSKI, DUANE E. 2,979,717
BENJAHAD, ABDELLAH 2,975,644
BENNDORF, CONRAD 2,978,812
BENNDORF, CONRAD 2,978,814
BENSON, PAUL 2,973,519
BENYACOUB, JALIL 2,973,412
BERESIS, RICHARD 2,979,905
BERG, HAKAN 2,973,925
BERGAMI, STEFANO 2,971,137
BERGMANN, ANDREAS 2,977,494
BERGMANN, KARIN 2,973,632
BERGMEISTER, JOSEPH, III 2,967,341
BERGSTROM, ANDREAS 2,973,936
BERNARDINI, FRANCESCA 2,979,437
BERNASCONI, MATTHEW 2,969,429
BERNICKE-GRUSSING, NANCY L 2,972,603
BERRIEL DIAZ, MAURICIO 2,979,115
BERTOLIN, GIANPAOLO 2,977,087
BERTRAM, ULRIKE 2,979,034
BETA RENEWABLES S.P.A. 2,975,647
BEUMER, WOUTER 2,978,375
BEWERUNGE-HUDLER, MELANIE 2,978,843
BEZEMER, KAREL JOHANNES 2,979,433
BHAMRA, INDER 2,960,446
BHARADWAJ, RISHIKESH K. 2,970,462
BHARATE, SANDIP BIBISHAN 2,960,455

BHASKAR REDDY, KASIREDDY 2,975,359
BHAT, AMEYA 2,979,521
BHAT, DINKAR N. 2,973,079
BIASUTTO, PATRICIA COROMOTO 2,976,601
BICKERSTAFF, VANESSA GERMAINE 2,968,023
BIEN, MARCIN DOMINIK 2,979,302
BIERDEL, MICHAEL 2,975,846
BIGGADIKE, KEITH 2,973,806
BILLET, GILLES 2,974,284
BILY, ANTOINE CHARLES 2,975,702
BINDER, ALEXANDER 2,979,579
BINGHAM, MATILDA 2,960,446
BINGHAM, MATILDA 2,960,477
BIO.LO.GA. S.R.L. 2,974,852
BIOACTOR BV 2,975,195
BIOGEN MA INC. 2,979,544
BIOMET C.V. 2,980,149
BIRCH, STEPHEN 2,974,859
BIRD, GREGORY H. 2,979,999
BIRD, ROBERT ANDREW 2,968,928
BIRGER, ELI 2,973,758
BIRTIC, SIMONA 2,975,702
BITOUN, MARC 2,979,884
BITTER, CHRISTOPH 2,974,282
BLACKBERRY LIMITED 2,974,464
BLAKE, WILLIAM JEREMY 2,980,172
BLANEY, EMMA LOUISE 2,959,942
BLANKENSTEIN, THOMAS 2,974,955
BLANKSCHIEN, MATTHEW DAVID 2,978,228
BLATTNER, AMANDA RUTH 2,968,071
BLAUM, PETER 2,979,434
BLOCKADE MEDICAL, LLC 2,979,816
BLOMER, PETER 2,973,515
BLONDINO, FRANK E. 2,980,004
BLOUNT, JOHN E. 2,967,331
BLUM-SPERISEN, STEPHANIE 2,973,413
BLUM-SPERISEN, STEPHANIE 2,973,433
BLUM-SPERISEN, STEPHANIE 2,973,434
BLUM-SPERISEN, STEPHANIE 2,973,536
BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM 2,979,975
BOAS, MARK 2,979,614
BOEKELOO, JEFFREY ALLEN 2,971,112
BOFFI, PAOLO 2,973,931
BOGAN, ERIC G. 2,979,561
BOGDAN, MIREL 2,979,615
BOHNE, FELIX 2,975,660
BOINPALLY, RAMESH 2,974,578
BOISSON, GUILLAUME 2,978,072
BOLAND PROMOTIONS (PTY) LTD 2,967,765
BOLLARD, CATHERINE 2,980,039
BOLLINGTOFT, JACKIE 2,978,977
BOLT THREADS, INC. 2,979,740
BOMBARDIER INC. 2,979,538
BOMBARDIER INC. 2,979,615
BOMBARDIER INC. 2,979,620
BONALDI, ETTORE 2,975,647
BOONEN, MICHAEL JOSEPH EDOUARD 2,973,423
BORDES, PHILIPPE 2,973,637
BOREALIS AG 2,975,953
BOREL, BERNARD 2,973,719
BORJA, DAVID 2,971,591
BOSCO, MOHAMED NABIL 2,973,413
BOSCO, MOHAMED NABIL 2,973,434
BOSSE, PAUL 2,960,116
BOSSE-DOENECKE, EVA 2,975,362
BOU HAMDAN, FARHAN 2,978,996
BOUCHARD, SAMUEL 2,980,008
BOUCHER, BEATRICE 2,971,000
BOUDET, NADEGE 2,978,037
BOUDREAU, MICHAEL HOWARD 2,979,525
BOULARD, NORMAN 2,979,909
BOUTTAZ, ADELINE 2,975,535
BRACCO IMAGING SPA 2,973,643
BRACKETT, DREW WILLIAM 2,979,078
BRADFORD, STEPHEN 2,979,846
BRAGG, CHARLES 2,980,144
BRAHMBHATT, VIRAL 2,973,412
BRAHMBHATT, VIRAL 2,973,413
BRAHMBHATT, VIRAL 2,973,434
BRANDENBURG, BOERRIES 2,975,655
BRANYON, JACOB DONALD PRUE 2,971,992
BRAVO GONZALEZ, ROBERTO CARLOS 2,978,036
BRAY, ANDREW JONATHAN 2,968,318
BREDERSON, DEAN 2,973,348
BREEDLOVE, JOHN D. 2,979,842
BREFORT, THOMAS 2,978,368
BREIJ, ESTHER 2,973,159
BREM, JASON C. 2,979,561
BRENNAN, JAMES 2,975,197
BRESLAUER, DAVID 2,979,740
BRESSLER, DAVID A. 2,972,186
BREUER, MICHAEL 2,978,131
BREUER, VOLKER 2,978,242
BREUILLE, DENIS 2,973,413
BREUILLE, DENIS 2,973,433
BREUILLE, DENIS 2,973,434
BREUILLE, DENIS 2,973,536
BREWSTER, DOUGLAS E. 2,980,115
BRIEM, HANS 2,974,853
BRINKS, VERA 2,978,375
BRISSET, ALAIN 2,974,475
BRISTOL-MYERS SQUIBB COMPANY 2,975,716
BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED 2,968,318
BROCHIER-CENDRE, HERVE 2,976,028
BROCKSCHNIEDER, DAMIAN 2,975,639
BROCKSCHNIEDER, DAMIAN 2,975,668
BRODEN, DAVID A. 2,979,689
BRODEUR, ANDRE 2,979,615
BROGGINI, DIEGO FERNANDO DOMENICO 2,976,356
BRON, PETER ALLARD 2,975,636
BROWN, JEFF 2,980,015
BROWN, JEFFREY M. 2,975,525
BROWN, SEAN P. 2,959,615
BRUGGEMANN, NICOLE 2,977,299
BRUGGEMANN, NICOLE 2,977,315
BRUMENT, NICOLE 2,975,427
BRUMENT, NICOLE 2,975,569
BRUNSWIG, HANS 2,979,829
BUCHANAN, PETER 2,974,975
BUCHHOLZ, STEFAN 2,974,875
BUCKLEY, ADRIAN 2,974,464
BUDA, ANNA MALGORZATA 2,979,302
BUFF, PRESTON 2,975,148
BUFFAULT, GERMAIN 2,971,021
BULLERJAHN, FRANK 2,979,434
BULTER, THOMAS 2,974,875
BURG, JAMES T. 2,979,561
BURKERT, TILL 2,979,658
BURNET, MICHAEL 2,976,364
BURR, SCOTT T. 2,971,175
BUSCH, CARSTEN 2,973,515
BUSSEMER, TILL 2,976,298
BYSKAL, CHRISTOPHER DAVID 2,979,691
BYSTROM, STYRBJORN 2,973,773
C. R. BARD, INC. 2,980,020
C4X DISCOVERY LIMITED 2,959,942
CABANIOLS, JEAN-PIERRE 2,978,840
CACACE, ANGELA M. 2,975,525
CAE INC. 2,956,611
CAFFELL, GEORGE D. 2,971,175
CAILLIER, LAURENT 2,971,021
CAISSON INTERVENTIONAL, LLC 2,980,163
CAL-TEX PROTECTIVE COATINGS, INC. 2,967,331
CALANDRA, BERNHARD 2,976,687
CALATZIS, ANDREAS 2,978,038
CALDWELL, RICHARD D. 2,960,401
CALIK DENIM TEKSTIL SAN. VE TIC. A.S. 2,977,576
CALLAGHAN, ANNETTE 2,975,197
CAMACHO GOMEZ, JUAN ALBERTO 2,977,905
CAMBEIS, ERICA 2,978,037
CAMERON INTERNATIONAL CORPORATION 2,979,334
CAMILLERI, ROBERTA 2,975,431
CAMPADELLI, MARIA GABRIELLA 2,974,868
CAMPOS PEREZ, FRANCISCO 2,975,951
CAMPOS, MICHAEL A. 2,971,452
CAMPOS, NOELIE 2,975,577
CAMPOS, NOELIE 2,975,777
CANADIAN TIRE CORPORATION, LIMITED 2,979,721
CANI, JULIE 2,974,886
CAO, MAOJUN 2,928,345
CAPPER, DAVID 2,978,843
CARANDINI, GIOVANNI 2,974,787
CARBON CAPTURE SCIENTIFIC, LLC 2,969,420
CARDINALE, MICHAEL 2,979,561
CARDIOTHRIVE, INC. 2,980,000
CARE 2 INNOVATIONS, INC. 2,979,820
CARIO-ANDRE, MURIEL 2,977,725

CARIO-ANDRE, MURIEL 2,977,727
CARL VON OSSIETZKY UNIVERSITAT OLDENBURG 2,978,370
CARLSBERG BREWERIES A/S 2,979,594
CARON L'ECUYER, ALEXIS 2,979,615
CARR, JAMES 2,973,739
CARRIER CORPORATION 2,973,233
CARTER, WILLIAM 2,968,670
CARY, STEPHEN P. L. 2,979,974
CARZANIGA, LAURA 2,976,150
CASALE SA 2,977,239
CASALE SA 2,978,218
CASANOVAS CASANOVAS, ORIOL 2,978,653
CASELLI, GIANFRANCO 2,979,758
CASOLI, VINCENT 2,977,725
CASOLI, VINCENT 2,977,727
CASTANHEIRA AIRES DA SILVA, FREDERICO NUNO 2,975,059
CASTANO, LIDIA 2,976,995
CASTELLINO, FRANCESCO 2,976,143
CASTILLO SANCHEZ, JOSE ANTONIO 2,975,951
CASTRO- PALOMINO LARIA, JULIO CESAR 2,977,905
CATELAND, AXEL 2,972,895
CELLECTIS 2,975,709
CELLECTIS 2,978,840
CELLERANT THERAPEUTICS, INC. 2,980,138
CENTRE HOSPITALIER UNIVERSITAIRE DE BORDEAUX 2,977,725
CENTRE HOSPITALIER UNIVERSITAIRE DE BORDEAUX 2,977,727
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) 2,977,707
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,974,910
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,975,577
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,975,652
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,975,777
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,979,123
CHAKRABARTI, DHRUBA J. 2,979,717
CHAKRABARTTY, AVIJIT 2,974,911
CHAKRABARTTY, AVIJIT 2,974,912
CHAMPAGNE, CLEMENTINE 2,972,590
CHAMPEL, MARY-LUC 2,976,416
CHAMPIGNY, AURELIE CECILE 2,973,806
CHAN, HEE LAM 2,976,601
CHANDRA, SWAROOP 2,972,989
CHANG, YA-WEN 2,969,592
CHANG, YONG 2,979,847
CHAPPELET, LAURIE 2,975,148
CHAPUIS, AUDE GEORGIANA 2,979,726
CHARI, RAVI V.J. 2,959,630
CHARLESTON LABORATORIES, INC. 2,960,116
CHAUBET, LUCIE 2,975,341
CHAWDA, AMIT 2,980,125
CHEMSPEED TECHNOLOGIES AG 2,967,078
CHEN, HUBERT 2,979,847
CHEN, HUI 2,928,345
CHEN, HUIFEN 2,975,196
CHEN, SHIAOGUO 2,969,420
CHEN, WEN-LI A. 2,970,462
CHEN, XIAOJING 2,974,955
CHEN, YANGBIN 2,980,125
CHEN, ZHI 2,979,843
CHENG, CHRISTOPHER T. 2,979,884
CHERIAN, GEORGE 2,973,001
CHERUKURY, MADHU 2,979,905
CHEUNG, MUI 2,960,451
CHEUNG, TIN-TACK PETER 2,967,341
CHEVENIER, EMMANUEL 2,975,644
CHEVRON PHILLIPS CHEMICAL COMPANY LP 2,967,341
CHHABRA, RAJEEV 2,971,437
CHHABRA, RAJEEV 2,971,445
CHIEN, CHING-KEE 2,980,125
CHIESI FARMACEUTICI S.P.A. 2,976,150
CHILD, MICHAEL D. 2,973,348
CHILDREN'S NATIONAL MEDICAL CENTER 2,980,039
CHIU, TING 2,979,998
CHIYODA CORPORATION 2,979,801
CHO, HANGYU 2,973,468
CHRISTIE, LANCE 2,978,238
CHRISTOPH, ANNETTE 2,974,578
CHU NANTES 2,975,427
CHU NANTES 2,975,569
CHUANG, EMIL 2,973,433
CHUN, JINYOUNG 2,973,468
CHUNG, STEPHEN SHIU-SAH 2,980,038
CHYUNG, YUNG 2,979,713
CIRIK, YASIN 2,977,576
CJ CHEILJEDANG CORP. 2,975,374
CLAAR, STEVEN 2,979,285
CLARIANT CATALYSTS (JAPAN) K.K. 2,979,966
CLARIUS MOBILE HEALTH CORP. 2,979,920
CLARK, STUART 2,979,656
CLARK, STUART 2,979,657
CLARK, STUART 2,979,660
CLARK, WILLIAM M. 2,960,451
CLARKE, COLIN M. 2,978,701
CLAUS, MICHAEL JOHN 2,974,793
CLAWSON, THOMAS N. 2,979,849
CLEMENTS, JOHN 2,980,007
CLEXTRAL 2,974,475
CLEXTRAL 2,975,023
COATEX 2,972,590
COE, DIANE MARY 2,973,806
COHEN, MORGAN 2,974,473
COLABS, INC. 2,979,819
COLAVINCENZO, STEPHEN 2,979,615
COLE, EUGENE O., II 2,979,563
COLELLA, PASQUALINA 2,979,120
COLGATE-PALMOLIVE COMPANY 2,979,550
COLLADO, MAXIME 2,974,475
COLLETTE, MICHAEL 2,973,740
COLLIARD, SOPHIE 2,976,825
COLOPLAST A/S 2,971,503
COMINETTI, ORNELLA 2,979,313
COMINETTI, ORNELLA 2,979,315
COMPAGNIE GENERALE DE CONSERVE 2,978,371
CONYER, SJON-PAUL 2,975,148
COOK, JAMES 2,979,701
COOK, MICHAEL A. 2,980,164
COOK, STEPHEN JAMES 2,975,606
COOL GEAR INTERNATIONAL, LLC 2,979,716
COON, JAMES 2,979,982
COOPER, BRUCE MATTHEW T. 2,979,721
CORCORAN, GERALD DROUIN 2,971,175
COREY, F. SCOTT 2,979,838
CORKISH, STEPHEN 2,974,859
CORNELL UNIVERSITY 2,979,836
CORNING OPTICAL COMMUNICATIONS LLC 2,980,125
CORREIA CANHAO, PEDRO MANUEL 2,975,059
CORTI, DAVIDE 2,977,321
CORVEY, CARSTEN 2,976,687
COSTABEBER, ETTORE MAURIZIO 2,979,111
COULTER, BRUCE L. 2,979,867
COULTER, BRUCE LEE 2,979,757
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH 2,960,455
COUNTERTACK, INC. 2,973,367
COUPLAND, DUNCAN ROY 2,971,534
COURTNEY VENTURES INC. 2,980,136
COWLES, CHRISTOPHER JOHN 2,979,593
COXHEAD, BRUCE 2,979,735
CRAFT, RUSSELL STUART 2,977,588
CRAWFORD, JAMES T. 2,979,693
CREAN, ABINA 2,979,435
CRISWELL, ROBERT G. 2,980,115
CRUISE, KELLY 2,979,896
CRUM, NATHAN 2,974,072
CRUZ, CONRAD 2,980,039
CSL BEHRING RECOMBINANT FACILITY AG 2,978,134
CSL BEHRING RECOMBINANT FACILITY AG 2,978,374
CSM BAKERY SOLUTIONS EUROPE HOLDING B.V. 2,975,080

CUI, QI 2,979,570
CUI, QI 2,979,906
CUNNINGHAM, DREW S. 2,980,172
CUREVAC AG 2,975,333
CUREVAC AG 2,975,816
CURLEY, LINDA HAZEL 2,975,579
CURRAN, SEAMUS 2,967,598
CURRAN, SEAMUS 2,967,599
CURT G. JOA, INC. 2,979,915
CYDEX PHARMACEUTICALS, INC. 2,980,170
CYTEC INDUSTRIES INC. 2,968,266
CZARNOWSKI, JAMES TAYLOR 2,979,078
CZELHAN, BERND 2,978,835
CZERNIECKI, BRIAN J. 2,979,676
D'AMICO, DANIEL M. 2,980,158
DABBUGODDU, BRAHMAIAH 2,960,101
DAFTARY, FEREIDOUN 2,979,340
DAHER AEROSPACE 2,979,421
DAHL, ANDREW A. 2,979,864
DAHLBERG, CLINTON J. 2,979,690
DAIICHI SANKYO COMPANY, LIMITED 2,980,096
DAIICHI SANKYO COMPANY, LIMITED 2,980,097
DALBY, CHRISTINA 2,979,825
DANA-FARBER CANCER INSTITUTE, INC. 2,960,317
DANA-FARBER CANCER INSTITUTE, INC. 2,979,999
DANEY, LAURENT 2,979,322
DANIEL, ROBERT FRANKLIN 2,972,997
DANIELCZYK, ANTJE 2,978,659
DANIELE HENKEL TO GO 2,979,947
DANMARKS TEKNISKE UNIVERSITET 2,973,517
DANMARKS TEKNISKE UNIVERSITET 2,975,010
DANMARKS TEKNISKE UNIVERSITET 2,975,011
DAPHNA, OFER 2,972,202
DARKVISION TECHNOLOGIES INC. 2,979,744
DART NEUROSCIENCE (CAYMAN) LTD. 2,960,386
DASANAYAKE ALUTHGE, RASIKA 2,979,782
DASSE, OLIVIER 2,979,853
DASSEL, MARK W. 2,972,186
DATTA, JASHODEEP 2,979,676
DAUBERMAN, MICHAEL 2,973,823
DAVID KRUPADANAM, GAZULA LEVI 2,975,359
DAVIES, PAUL 2,974,859
DAYON, LOIC 2,979,313
DAYON, LOIC 2,979,315
DE BIJL, ANDREAS LEONARDUS 2,979,497
DE BRUIN, PETER 2,976,822
DE BRUIN, RENEE CORNELIA GERARDA 2,975,078
DE FAVERI, CARLA 2,977,437
DE GRUIJL, TANJA DENISE 2,975,078
DE JONG, LIESBETH 2,977,202
DE KRUIF, JAN KENDALL 2,978,036
DEAN, HOWARD 2,967,949
DEBYSER, PASCAL 2,975,650
DECISION SCIENCES MEDICAL COMPANY, LLC 2,980,157
DECOOK, BRADLEY C. 2,979,610
DEEL, STEVEN K. 2,978,776
DEGENDORFER, HEIKO 2,974,282
DEGN JENSEN, ANKER 2,973,517
DEGROOD, MICHAEL JOHN 2,979,809
DELL, JOSEF 2,979,626
DELIENCOURT-GODEFROY, GERALDINE 2,978,111
DELLA CRISTINA, PIETRO 2,978,026
DELLINGER, RYAN W. 2,959,756
DELMAS, THOMAS 2,974,886
DEMARTINO, MICHAEL P. 2,960,768
DEMIRTAS, MELTEM 2,977,576
DENG, KAILIN 2,980,139
DENG, ZHAO 2,979,678
DENNIS, LUCAS 2,968,519
DENTSPLY DETREY GMBH 2,976,722
DEROUAZI, MADIHA 2,973,747
DEROUAZI, MADIHA 2,973,757
DERRICK CORPORATION 2,971,275
DESHPANDE, GIRISH VISHNUKANT 2,968,266
DESPALLE DE BEARN, OLIVIER 2,975,532
DETTKE, MARKUS 2,974,225
DEUTSCHES KREBSFORSCHUNGSZENTRUM 2,975,660
DEUTSCHES KREBSFORSCHUNGSZENTRUM 2,978,808
DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES OFFENTLICHEN RECHTS 2,978,843
DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES OFFENTLICHEN RECHTS 2,979,115
DEVILLE, JAY PAUL 2,979,678
DEWEES, BILL 2,978,238
DEZIMA PHARMA B.V. 2,959,488
DIAZ QUIJANO, CAROLINA 2,978,032
DICK, SASCHA 2,978,818
DICKIE, KRIS 2,979,920
DICKNEITE, GERHARD 2,978,134
DICKNEITE, GERHARD 2,978,374
DIEHL, ANDREW KARL 2,979,660
DIETLIN, CELINE 2,976,722
DIETRICH, MATTHIAS 2,968,928
DIETZ, LISA 2,975,639
DIETZ, LISA 2,975,668
DIETZ, PAUL HENRY 2,974,128
DIMECH, CAROLINE 2,978,026
DISCH, SASCHA 2,975,431
DISCH, SASCHA 2,976,864
DISCH, SASCHA 2,978,812
DISCH, SASCHA 2,978,814
DISSMEYER, NICO 2,977,707
DITTMAR, CHRISTIAN 2,976,864
DIXIE CONSUMER PRODUCTS LLC 2,971,608
DIXIE CONSUMER PRODUCTS LLC 2,971,840
DIXIE CONSUMER PRODUCTS LLC 2,971,862
DO, STEVEN 2,975,196
DODSON, MITCHELL JOE 2,979,684
DOHERTY, MICHAEL 2,979,432
DOLENTE, COSIMO 2,979,113
DONALDSON, SUSAN F. 2,968,670
DONOGHUE, CRAIG 2,960,446
DOW GLOBAL TECHNOLOGIES LLC 2,971,102
DOW GLOBAL TECHNOLOGIES LLC 2,971,175
DOW, PHILIP JAMES 2,979,078
DOWLER, BRIAN L. 2,980,115
DRAKE, CHARLES DELBERT 2,979,908
DRECO ENERGY SERVICES ULC 2,979,733
DRIVER, DAVID 2,975,542
DRYDEN, MATTHEW 2,975,197
DSM IP ASSETS B.V. 2,978,369
DUAN, HONGYAN 2,978,542
DUAN, HONGYAN 2,978,549
DUBANCHET, AURELIEN 2,971,021
DUCHATEAU, PHILIPPE 2,978,840
DUCLOS, LAURA 2,975,217
DUCLOS, LAURA 2,975,219
DUDEK, LUKASZ PIOTR 2,979,302
DUERI, JEAN-PIERRE 2,979,884
DUGGAN, KAREN ANNETTE 2,979,413
DUNAWAY, DWAYNE 2,968,519
DUNBAR, CHARLENE 2,980,129
DUNCAN, ROGER GLEN 2,978,701
DUPUY, PABLO MATIAS 2,979,519
DURAND, DANIEL 2,975,023
DYAX CORP. 2,979,713
DYNO NOBEL INC. 2,979,888
EAST, STEPHEN 2,973,739
EASTBRAND HOLDING GMBH 2,977,168
EATON, KEVIN 2,975,219
EBARA CORPORATION 2,979,966
EBNER, MARTIN 2,978,986
ECHOSTAR TECHNOLOGIES L.L.C. 2,974,019
ECOLAB USA INC. 2,968,071
ECOLAB USA INC. 2,979,823
ECOLAB USA INC. 2,979,828
EDEN, GEORG 2,979,510
EDLER, BERND 2,978,815
EDLER, BERND 2,978,821
EDWARDS LIFESCIENCES CORPORATION 2,974,974
EDWARDS LIFESCIENCES CORPORATION 2,974,986
EDWARDS, ERIC S. 2,980,004
EDWARDS, EVAN T. 2,980,004
EDWARDS, JOSHUA 2,980,033

EDWARDS, STEPHEN 2,979,064
EEYA MEDIA INC. 2,973,715
EHRET, FRANK 2,968,928
EICHENSEHER, FRITZ 2,979,873
EIDAM, HILARY SCHENCK 2,960,451
EIKANAS, BRENT 2,971,452
EILMUS, SASCHA 2,975,659
EILMUS, SASCHA 2,975,944
EINEFORS, RICKARD 2,973,913
EISAI R&D MANAGEMENT CO., LTD. 2,979,759
EISELE, KARL-HEINZ 2,978,225
EISMANN, FRANK 2,978,986
EISNER, JOSEF ERIC 2,979,818
ELDER, IAIN 2,975,197
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE 2,973,086
ELI LILLY AND COMPANY 2,975,542
ELLIS, GORDON LEE 2,968,928
ELSING, MICHAEL T. 2,975,279
EMD MILLIPORE CORPORATION 2,967,445
EMPL, GUNTER 2,977,907
ENCHROMA, INC. 2,979,566
ENDERS, VEIT 2,973,515
ENGELBERTS, PATRICK 2,973,159
ENGELKEN, THOMAS 2,967,331
ENGELL, KAREN MARGRETHE 2,979,435
ENGELL, SEBASTIAN 2,975,012
ENZYMOTEC LTD. 2,975,235
ERGOLASH PAT. APS 2,978,977
ERGOTRON, INC. 2,979,436
ERICKSON, JOHN 2,967,445
ERICSON, MARTEN 2,976,822
ERIKSSON, ANDRE HUSS 2,979,435
ERMANN, MONIKA 2,977,588
EROGLU, HASAN 2,971,604
ESCOBAR, SANDRA PATRICIA PAREDES 2,978,366
ESCRIBANO CUESTA, ANA 2,978,037
ESSING, GERARDUS CORNELIS OTTO BERNARD 2,978,140
ESTOK, ROBERT MICHAEL 2,980,013
ESTRADA, ANTHONY 2,975,196
EUREKA THERAPEUTICS, INC. 2,979,732
EURO-CELTIQUE S.A. 2,974,055
EVANS, DAVID 2,978,238
EVOLVE BIOSYSTEMS INC. 2,979,529
EVONIK DEGUSSA GMBH 2,974,875
EVOQUA WATER TECHNOLOGIES LLC 2,979,757
EVOQUA WATER TECHNOLOGIES LLC 2,979,867
EVOTEC AG 2,977,588
EWERT, STEPHAN D. 2,978,370
EXEL INDUSTRIES 2,976,028
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,960,399
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,960,404
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,970,286
EYEYON MEDICAL LTD. 2,972,202
F. HOFFMANN-LA ROCHE AG 2,975,196
F. HOFFMANN-LA ROCHE AG 2,975,525
F. HOFFMANN-LA ROCHE AG 2,975,664
F. HOFFMANN-LA ROCHE AG 2,978,038
F. HOFFMANN-LA ROCHE AG 2,979,113
F.HOFFMANN-LA ROCHE AG 2,973,760
FAANES, AUDUN 2,979,519
FABIAN, JOHANNA 2,976,548
FABRITIUS, CHARLES-HENRY ROBERT YVES 2,979,302
FACCA, LEWIS 2,979,733
FACEBOOK, INC. 2,972,896
FACEBOOK, INC. 2,972,997
FAGAN-GUIMOND, TRISTAN 2,979,432
FALLON, GARY 2,968,318
FANG, HU 2,928,345
FASSEL, ROBERT 2,979,482
FAST, JONATHAN P. 2,979,823
FATE THERAPEUTICS, INC. 2,974,903
FAUCHER, ALEXANDRE 2,979,787
FAULDER, DAVID D. 2,979,842
FAURE, MAGALI 2,973,413
FAURE, MAGALI 2,973,433
FAURE, MAGALI 2,973,434
FAURE, MAGALI 2,973,536
FAZI, PETER 2,979,968
FEHR, MARCUS 2,978,037
FELDKAMP, ANDREW 2,980,033
FELIX, FABIO 2,969,429
FELIX, LARRY G. 2,959,802
FENN, DAVID R. 2,968,538
FENN, DAVID R. 2,968,670
FENNELL, ROBERT PHIL 2,968,266
FERERA, NAHUM 2,972,202
FERLAND, THOMAS 2,980,008
FERMOR SMALL, LESLIE EDWARD 2,974,825
FERNANDEZ-NIEVES, ALBERTO 2,969,592
FERNO-WASHINGTON, INC. 2,979,908
FERRANTE, ELISA 2,979,838
FERRERA, DAVID 2,979,816
FERRING B.V. 2,975,444
FERRING B.V. 2,975,449
FERRING B.V. 2,976,032
FIEDLER, ERIK 2,975,362
FIEKENS, RALF 2,977,299
FIEKENS, RALF 2,977,315
FIETZEK, REINER 2,977,299
FIETZEK, REINER 2,977,315
FIK, CHRISTOPH P. 2,976,722
FILGES, KARSTEN 2,979,130
FILIPPI, ERMANNO 2,977,239
FILMER, ANTHONY OWEN 2,979,535
FINK, KLAUS 2,978,225
FINLEY, ADAM 2,980,149
FINNERTY, DENNIS 2,979,571
FINNERTY, SEAN 2,979,571
FISCHER, PETER 2,980,033
FISCHER, REINER 2,975,944
FISCHER, RUDIGER 2,975,659
FLEMING OUTEIRO, TIAGO 2,975,059
FLUIDMASTER, INC. 2,979,542
FLUMROC AG 2,975,409
FLYGARE, JOHN A. 2,959,689
FOBOHA (GERMANY) GMBH 2,975,643
FOLLETT, GARY J. 2,973,233
FONDAZIONE CENTRO SAN RAFFAELE 2,978,655
FONDAZIONE TELETHON 2,978,655
FONDAZIONE TELETHON 2,979,120
FONDS DE DEVELOPPEMENT DES FILIERES DES OLEAGINEUX ET DES PROTEAGINEUX FIDOP 2,979,423
FOOD COMPOUNDS BV 2,979,433
FORNARELLI, PAULINE 2,975,577
FORNARELLI, PAULINE 2,975,777
FORNETIX LLC 2,979,064
FOTIN-MLECZEK, MARIOLA 2,975,333
FOTIN-MLECZEK, MARIOLA 2,975,816
FOUASSIER, JEAN PIERRE 2,976,722
FOURTILLAN, JEAN-BERNARD 2,975,985
FOURTILLAN, MARIANNE 2,975,985
FRAISSE, LAURENT 2,976,687
FRANKLIN EMPIRE 2,980,008
FRANKLIN, CURTIS J. 2,980,018
FRANZKE, CONSTANZE 2,976,596
FRANZKE, CONSTANZE 2,976,716
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,974,051
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,974,223
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,975,003
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,975,431
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,975,646
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,976,830

FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,976,864
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,977,842
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,978,370
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,978,812
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,978,814
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,978,815
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,978,818
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,978,821
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,978,835
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,979,579
FRED HUTCHINSON CANCER RESEARCH CENTER 2,979,726
FREEMAN-SHARKEY, SAMARA 2,979,529
FREIBURG, EVAN 2,980,157
FRENCH, EDWARD JAMES 2,959,943
FRESE, STEVEN 2,979,529
FRESENIUS KABI DEUTSCHLAND GMBH 2,974,865
FRESENIUS VIAL SAS 2,979,107
FRESENIUS VIAL SAS 2,979,116
FRIEDE, PETER 2,975,658
FRIESEN, ROBERT HEINZ EDWARD 2,975,655
FUCHS, GUILLAUME 2,978,812
FUCHS, GUILLAUME 2,978,814
FUCHS, HARALD 2,975,431
FUCHS, HARALD 2,978,835
FUG, RICHARD 2,978,818
FUGAZZA, LORENZA 2,974,415
FUGRO TECHNOLOGY B.V. 2,979,813
FUJIMORI, HIROYUKI 2,980,096
FUJISAWA, TOYOMI 2,979,971
FUJITA, MASAKI 2,979,779
FUKASAKA, MASAHIRO 2,979,523
FULTON, ERIN J. 2,979,561
FUNDACIO INSTITUT D'INVESTIGACIO BIOMEDICA DE BELLVITGE (IDIBELL) 2,978,653
FURUKAWA, SHINYA 2,979,528
FURUSKOG, JOHAN 2,973,936
FUSCO, COSIMO 2,979,936
FUSSEN, RENE 2,974,578
FUTAMURA RYUSUKE 2,979,806
GABRIELLE, PETER D. 2,980,152
GACKA, PHILIP 2,979,561
GAILLARD, MARINA 2,960,044
GAILLARD, PASCALE 2,960,401
GAIOVYCH, IHOR VOLODYMYROVYCH 2,975,464
GALEZOWSKI, MICHAL MIKOLAJ 2,979,302
GAMBOA-MELENDEZ, HEBER 2,979,423
GANATRA, AMIT 2,969,429
GANE, PATRICK A.C. 2,978,032
GANESAN, KAVITHA 2,980,163
GAO, WEI 2,979,690
GARCEL, AUDE 2,975,577
GARCEL, AUDE 2,975,777
GARDA, ZOLTAN 2,973,643
GARDBERG, ANNA 2,960,401
GARLAND, TYLOR 2,979,846
GAROFALO, CARLA 2,978,036
GARRAIT, DOMINIQUE 2,973,782
GAS TECHNOLOGY INSTITUTE 2,959,802
GAS TECHNOLOGY INSTITUTE 2,979,402
GASPARIN, MAURIZIO 2,979,936
GATELY, JOHN DECLAN 2,973,519
GATELY, JOHN DECLAN 2,973,624
GATTA, VALENTINA 2,974,868
GAUTIER, GERARD 2,971,000
GE, CUILI 2,979,898
GEA FOOD SOLUTIONS BAKEL B.V. 2,979,497
GEIGER, RALF 2,978,812
GEIGER, RALF 2,978,814
GEISLER, JENS 2,976,972
GEMALTO M2M GMBH 2,978,242
GENE TECHNO SCIENCE CO., LTD. 2,979,792
GENEA IP HOLDINGS PTY LIMITED 2,979,900
GENENTECH, INC. 2,959,689
GENERAL ELECTRIC COMPANY 2,969,531
GENERAL ELECTRIC COMPANY 2,972,093
GENERAL ELECTRIC TECHNOLOGY GMBH 2,976,018
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KAYSER, ROY 2,980,136
KB SEIREN, LTD. 2,972,355
KEATING, AMY 2,979,999
KEHOE, STEPHEN 2,979,432
KEIDAR, YARON 2,974,974
KELDERS, QUINT 2,974,469
KELLER, ANDREAS 2,978,368
KELLERER, RICHARD 2,973,922
KEMIRA OYJ 2,968,025
KEMIRA OYJ 2,968,069
KEMPSTER, VINCENT PAUL 2,976,585
KENNEDY, JOHN 2,980,136
KENNEDY, SHAUN PATRICK 2,968,071
KENNEMA, MARCO 2,976,606
KERAT, UWE 2,972,186
KERNAN, DANIEL J. 2,979,610
KERSHAW, DAVID 2,975,197
KESHAN, SURENDRA 2,979,722
KETTERMAN, GREGORY SCOTT 2,979,078
KEUSGEN, WILHELM 2,976,830
KEUSGEN, WILHELM 2,977,842
KHAFIZOV, RUSTEM 2,968,519
KHAN, INSHAD ALI 2,960,455
KHANG, ZHE 2,979,690
KIADIS PHARMA INTELLECTUAL PROPERTY B.V. 2,977,202
KIAN, KOUROSH 2,970,462

KIDO, KAZUTAKA 2,975,535
KIEFFEL, YANNICK 2,976,018
KILMER, RAYMOND J. 2,979,561
KIM, HEUNG-MOOK 2,973,086
KIM, HYUN-JOONG 2,979,966
KIM, JEONGKI 2,973,468
KIM, JINMIN 2,973,468
KIM, KYOUNG JU 2,970,833
KIM, YONG-KI 2,979,482
KIMBERLY-CLARK WORLDWIDE, INC. 2,980,129
KINCAID, TYLER 2,972,603
KIRCHHOFF, JORG 2,975,846
KIRKHOPE, KENNEDY JOHN 2,979,725
KIRKLAND, JASON 2,980,129
KIRSCH, MARTIN 2,979,944
KIRWAN, CARTER 2,968,025
KIRWAN, CARTER 2,968,069
KISELYOV, ALEX 2,979,900
KITTLESON, JOSHUA 2,979,740
KLAEHN, DARIN 2,967,331
KLAR, ULRICH 2,974,853
KLAUSNER, ENRICO 2,979,829
KLEE, JOACHIM 2,976,722
KLEIDEITER, ELKE 2,974,578
KLEIN, BJARKE MIRNER 2,975,444
KLEPAR, BOHDAN 2,979,818
KLIMPEL, FRANK 2,979,829
KLOKE, PHILIPP 2,968,928
KNEBEL, ALEXANDER 2,979,098
KNIESEL, SIMON 2,968,928
KNIGHT, CHRIS 2,976,150
KOBAYASHI, HARUTO 2,979,801
KOBAYASHI, HIROSHI 2,979,639
KOFMAN, JEFFREY 2,979,614
KOHLER, ADELINE 2,975,944
KOHLHAAS, JOCHEN 2,978,368
KOLB, ALEXANDER 2,979,582
KOLESNIKOV, ALEKSANDR 2,975,196
KOLKMAN, JOOST A. 2,975,655
KOLON INDUSTRIES, INC. 2,970,833
KOMATSU, MAKOTO 2,979,966
KONDO, YUSUKE 2,979,978
KONIG, THOMAS 2,975,846
KOP, MENACHEM 2,979,513
KOROLEV, NIKOLAY I. 2,979,818
KOSKI, GARY K. 2,979,676
KOTOBUKI TSUSHOU CO., LTD. 2,979,806
KOU, BUYU 2,973,760
KOU, XIAOLAN 2,979,690
KOWALCZYK, ALEKSANDRA 2,975,333
KOZAREK, WILLIAM 2,960,116
KRALLIS, APOSTOLOS 2,975,953
KRAMMER, DORIS 2,978,986
KRANZ, MAXIMILIAN 2,974,856
KRANZ, MAXIMILIAN 2,974,857
KREIF, LLOYD 2,979,915
KRETSCHMER, MANUEL 2,978,037
KRIG, SHERYL 2,979,690
KRIMMER, HANS-PETER 2,978,986
KRISHNAMURTHY, HARI KRISHNAN 2,979,052
KROISS, MANUEL 2,979,924
KROSS, ROBERT D. 2,979,730
KROUSE, MICHAEL 2,968,519
KRTOLICA, ANA 2,979,974
KRUEGER, TANYA K. 2,971,175
KRUGER, FRIEDHELM 2,973,763
KRUIP, JOCHEN 2,976,687
KRUMMENACHER, TODD J. 2,980,018
KRUSE, DUSTIN 2,980,157
KRUSPER, LASZLO 2,973,643
KUAI, RUI 2,979,712
KUBBELER, SUSANNE 2,975,944
KUCKART, DIETER 2,975,650
KUDO, KEIJI 2,979,639
KUENTZ, MARTIN 2,978,036
KUIPERS, ANNEKE 2,979,308
KUJAWA, CHRISTIAN 2,980,164
KUK, KEON 2,972,615
KULAK, NILS 2,975,027
KULKARNI, RAHUL VILAS 2,979,717
KUMAR, AJAY 2,960,455
KUMAR, AJIT 2,973,103
KUMAR, MUKESH 2,978,228
KUMAR, NANGUNOORI SAMPATH 2,960,101
KUMAR, SATISH 2,979,129
KURATLI, CHRISTOPH 2,975,664
KURELLA, VINODH 2,979,724
KURIHARA, HIROYUKI 2,979,644
KUTCHKO, CYNTHIA 2,968,670
KWIECINSKA, KATARZYNA 2,979,302
KWON, SUN-HYOUNG 2,973,086
KYB CORPORATION 2,979,804
KYB CORPORATION 2,979,805
KYB CORPORATION 2,979,810
KYLE, DANIEL 2,975,348
KYLE, DAVID 2,979,529
KYM-MIJUSKOVIC, IVO 2,975,409
KYOKUTOH CO., LTD. 2,947,232
KYRATSOUS, CHRISTOS 2,974,899
KYSHENIA, IAROSLAV VIKTOROVYCH 2,975,464
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 2,971,982
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 2,975,341
LA-Z-BOY INCORPORATED 2,979,563
LABLABO 2,971,983
LABORATORIOS BAGO S.A. 2,977,168
LACARTE, CHRIS 2,968,500
LACHIA, MATHILDE DENISE 2,974,467
LADD, NEIL JOSEPH 2,980,013
LAFRAYA, ALVARO 2,979,123
LAI, KEVIN 2,974,903
LALEVEE, JACQUES 2,976,722
LAMERIS, ROLAND 2,975,078
LAMETSCHWANDTNER, GUENTHER 2,977,588
LAMEY, KIMBERLY ANNE 2,960,451
LAMPI HERMANSON, DAVID LEE 2,975,384
LANDAIS, FABRICE 2,979,421
LANDMARK GRAPHICS CORPORATION 2,979,330
LANE, SANFORD 2,979,532
LANGER, ROBERT S. 2,959,404
LANTHIOPEP B.V. 2,979,308
LANTZ, RICHARD L. 2,980,139
LANZAVECCHIA, ANTONIO 2,977,321
LARSEN, JON 2,979,281
LARSEN, ROY HARTVIG 2,973,644
LARSON, RAYMOND LOUIS 2,972,247
LASSERRE, GILLES HENRI 2,976,142
LASSERRE, SEBASTIEN 2,973,637
LASSERRE, SEBASTIEN 2,975,180
LAUBY, WILLIAM J. 2,980,144
LAURITZEN, CONNI 2,978,234
LAVA THERAPEUTICS B.V. 2,975,078
LAWSON, FRANCESCA 2,979,777
LE FOURN, VALERIE 2,976,723
LE HOLDINGS (BEIJING) CO., LTD. 2,947,565
LE MOAN, NATACHA 2,979,974
LE SHI ZHI XIN ELECTRONIC TECHNOLOGY (TIANJIN) LIMITED 2,947,565
LE STRAT, CEDRIC 2,976,028
LE, JAKE 2,979,816
LE, TUAN 2,979,542
LEBRILLA, CARLITO 2,979,529
LECHNER, KATHARINA 2,978,038
LEDERER, ALEXANDER 2,979,437
LEDERGERBER, GISELA 2,978,036
LEE, AMY C. H. 2,979,998
LEE, JAE-YOUNG 2,973,086
LEE, JI HYE 2,975,374
LEE, JIN HYUNG 2,970,833
LEE, SEUNG BIN 2,975,374
LEE, THOMAS WAI-HO 2,959,757
LEE, WOOKBONG 2,973,468
LEFEBVRE, ERIC 2,960,284
LEIBNIZ-INSTITUT FUR PFLANZENBIOCHEMIE (IPB) 2,977,707
LEITH, WILLIAM B. 2,979,561
LELEANNEC, FABRICE 2,973,637
LELEANNEC, FABRICE 2,975,180
LELEU, MARTINE 2,974,886
LEMA GESTO, MARIA ISABEL 2,975,951
LEO PHARMA A/S 2,979,435
LEONARDI, PETER 2,979,697
LEONG, KEVIN G. 2,979,974
LEPAK, EMMA 2,979,884
LEPAK, JONAH 2,979,884
LEPIVERT, JEAN-CHRISTOPHE 2,977,725
LEPIVERT, JEAN-CHRISTOPHE 2,977,727
LEPRETRE, GILLES 2,979,474
LETA, DANIEL P. 2,970,286

LETELLIER, PHILIPPE 2,960,044
LETI, MATHIEU 2,978,505
LEVASSEUR, ALEXIS 2,979,691
LEVITON MANUFACTURING CO., INC. 2,980,144
LEVNER, DANIEL 2,979,982
LEVY, DANIEL E. 2,960,101
LEWELLEN, KEVIN M. 2,971,591
LEWIS, DAVID C. 2,980,007
LEWIS, DAVID L. 2,979,703
LG ELECTRONICS INC. 2,973,468
LHOST, OLIVIER 2,976,848
LI, BAOZHOU 2,973,101
LI, DONG 2,975,525
LI, FANGHONG 2,979,760
LI, GUANGUAN 2,979,701
LI, JUNYI 2,974,140
LI, JUNYI 2,974,198
LI, LEI 2,979,576
LI, LEI 2,979,578
LI, LEI 2,979,580
LI, LI 2,979,572
LI, LING 2,975,716
LI, MIN JIAN VOLKHART 2,975,668
LI, RENXIANG 2,973,492
LI, SONG 2,979,906
LI, TING 2,979,576
LI, TING 2,979,578
LI, TING 2,979,580
LI, VOLKHART MIN-JIAN 2,975,639
LI, YUNXIAO 2,959,615
LI, ZHIHONG 2,959,615
LI, ZHIWEI 2,969,420
LIAN, LEI 2,979,570
LIAN, LEI 2,979,906
LIANG, QI 2,979,543
LIAO, KANG-SHYANG 2,967,598
LIAO, KANG-SHYANG 2,967,599
LIAO, ZHIMING 2,977,000
LIENAU, PHILIP 2,974,853
LIENAU, PHILIP 2,976,971
LIENAU, PHILIP 2,976,972
LIENAU, PHILIP 2,976,973
LIENHARD V, JOHN H. 2,967,653
LIFESCAN SCOTLAND LIMITED 2,974,588
LIM, DONGGUK 2,973,468
LIN, HSIAO-WEN 2,979,905
LIN, SHAO CHEN 2,975,165
LIN, XINGYU 2,975,196
LIN, YAN 2,979,760
LINCK, MARTIN B. 2,959,802
LINDAL FRANCE SAS 2,973,719
LINDE AKTIENGESELLSCHAFT 2,976,166
LINDE AKTIENGESELLSCHAFT 2,979,593
LINDEGREN, DAVID 2,979,658
LINDER, VINCENT 2,979,559
LINDNER, CORNELIA 2,978,808
LINES, RICHARD 2,979,981
LINNEY, IAN 2,976,150
LIPKE, DEAN 2,980,144
LIPOXEN TECHNOLOGIES LIMITED 2,977,298
LIPS, ERIK 2,971,840
LIU, CHENG 2,979,732
LIU, HONG 2,979,732
LIU, NINGSHU 2,976,971
LIU, NINGSHU 2,976,972
LIU, NINGSHU 2,976,973
LIU, NINGSHU 2,978,807
LIU, NINGSHU 2,978,830
LIU, YANNING 2,979,843
LIU, YAO-BIN 2,974,910
LIU, YUE 2,974,912
LIU-BUJALSKI, LESLEY 2,960,401
LIVANEC, PHILIP WAYNE 2,979,678
LIVINGSTON, DAVID 2,960,317
LIZARZABURU, MIKE ELIAS 2,959,615
LOCHMANN, BERIT 2,978,808
LOHMANN, JAN KLAAS 2,978,037
LOIBNER, HANS 2,977,588
LOISELEUR, OLIVIER 2,974,467
LOITNER, INBAL 2,978,677
LOKE, PUI LENG 2,977,588
LOKKEN, TORBJORN VEGARD 2,979,519
LOMBI, ROBERTO 2,976,995
LONG, LI 2,979,732
LOPES, LENAIG 2,978,111
LOPEZ CANOVAS, DAVID ANTONIO 2,979,605
LOPEZ CREMADES, FRANCISCO JAVIER 2,974,860
LOPEZ GOMEZ, ANTONIO 2,979,605
LOSEL, PETER 2,975,944
LOU, GUOHUA 2,979,843
LOYCHIK, NEIL 2,979,610
LU, AIJUN 2,975,196
LU, JIRONG 2,975,542
LU, WEI 2,972,093
LU, XINJIE 2,974,884
LUCAS, BRIAN S. 2,959,615
LUNDBERG, STEVEN 2,979,823
LUNDE, BRADLEY 2,976,687
LUO, SONG 2,975,709
LUO, YUANYUAN 2,967,949
LURIA, GILAD 2,979,517
LUTHER, ANATOL 2,979,437
LYPCHANSKYY, STANISLAV 2,979,818
MA, LE 2,968,538
MA, XIAOHUI 2,979,576
MA, XIAOHUI 2,979,578
MA, XIAOHUI 2,979,580
MACEACHRAN, DANIEL 2,980,172
MACIUSZEK, MONIKA 2,979,302
MACKINNON, COLIN 2,973,739
MACKINTOSH, STEPHEN 2,974,588
MADDOCKS, IAN DAVID ALAN 2,972,895
MADLINGER, ADAM 2,960,404
MAGIC LEAP, INC. 2,979,560
MAGIC LEAP, INC. 2,979,811
MAHADEVA, SWAROOP 2,973,079
MAHIEDDINE, LINDA 2,979,947
MAHUTEAU, FLORENCE 2,975,577
MAHUTEAU, FLORENCE 2,975,777
MAIER, MAXIMILIAN 2,976,722
MAINOUS, BEAU 2,980,170
MAIOCCHI, ALESSANDRO 2,973,643
MAJOR LEAGUE BASEBALL PROPERTIES, INC. 2,979,846
MAKHOTIN, OLEG 2,973,195
MAKI-LAURILA, TIMO 2,967,893
MALIK, OSMAN S. 2,979,744
MALLARD, JOHN H. 2,971,175
MALLAY, KOHORNEH A. 2,979,285
MALLOUGH, MITCHELL W. 2,975,311
MALONE, THOMAS 2,979,905
MALSAM, OLGA 2,975,659
MALSAM, OLGA 2,975,944
MANCINELLI, DANIELE 2,980,043
MANDEAU, ANNE 2,978,505
MANDER, GERD 2,978,225
MANDERS, GRAHAM T. 2,979,744
MANICKE, NICHOLAS 2,979,664
MANN, MATTHIAS 2,975,027
MANORYK, PETRO ANDRIYOVYCH 2,975,464
MAPELLI, CLAUDIO 2,975,716
MARASTONI, DANIELE 2,976,603
MARCOVICH, ARIE 2,972,202
MARELLI, MARCO 2,973,931
MARES, BENOIT 2,977,451
MARIANI, MAURIZIO FRANCO 2,974,415
MARKER, TERRY L. 2,959,802
MARQUARDT, TOBIAS 2,975,639
MARQUARDT, TOBIAS 2,975,668
MARQUEZ, SAMANTHA M. 2,969,592
MARS, INCORPORATED 2,975,148
MARS, INCORPORATED 2,975,217
MARS, INCORPORATED 2,975,219
MARSHALL, MICHAEL 2,980,015
MARSHALL, RICHARD E. 2,979,563
MARTIN, BARRIE PHILLIP 2,959,942
MARTIN, BRANDON 2,979,831
MARTIN, BRIAN ALEXANDER 2,975,808
MARTIN, DAVID P. 2,969,429
MARTIN, EVA, LEA 2,979,831
MARTIN, FRANCOIS-PIERRE 2,973,412
MARTIN, JASON 2,975,644
MARTIN, NOLWENN 2,975,813
MARTIN, RAINER E. 2,975,664
MARTINO, GARY THEODORE 2,979,311
MASAKI, KENJI 2,979,802
MASCHINENFABRIK KOPPERN GMBH & CO. KG 2,975,179
MASERE, JONATHAN 2,979,828
MASON, PETER 2,974,899
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,959,404
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,967,653
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,979,999
MASSELOT, MICHAEL 2,974,284

MASTERCARD INTERNATIONAL INCORPORATED 2,972,895
MASUBUCHI, YUTA 2,980,093
MATOKE HOLDINGS LIMITED 2,975,197
MATSON, JERRID 2,980,020
MATSUDA, JUN 2,980,093
MATSUI, JUNJI 2,979,759
MATSUMOTO, KATSUMASA 2,979,528
MATSUMOTO, MAKOTO 2,959,478
MATSUMOTO, SHIN-YA 2,979,639
MATSUO, TOSHIHIKO 2,979,800
MATSUSHITA, KYOHEI 2,979,523
MATSUURA, CRAIG 2,973,348
MATTEI, PATRIZIO 2,975,664
MATTSSON, ERIK 2,979,621
MAX-DELBRUCK-CENTRUM FUR MOLEKULARE MEDIZIN IN DER HELMHOLTZ-GEMEINSCHAFT 2,974,955
MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V. 2,975,027
MAYER, GAETAN 2,979,617
MAYER, SETH R. 2,979,842
MAYES, PATRICK 2,974,910
MAYNARD, FRANCOISE 2,975,814
MAZEVYCH, VADYM BORYSOVYCH 2,975,464
MBDA UK LIMITED 2,973,651
MCCALLISTER, JOHN 2,979,656
MCCALLISTER, JOHN 2,979,657
MCCALLISTER, JOHN 2,979,660
MCDANIEL, CATO RUSSELL 2,978,300
MCENERY, MADISON 2,971,591
MCGANN, CONOR 2,979,818
MCGOVERN, RONAN K. 2,967,653
MCKAY, STEPHEN WILLIAM 2,980,013
MCKEE, KAREN LOUISE 2,973,651
MCKEE, MARK D. 2,959,175
MCKIBBEN, JOHN FERNEY 2,971,604
MCNAUGHTON, BRADY WAYNE 2,968,492
MCPHERSON, DONALD M. 2,979,566
MEDTRADE PRODUCTS LIMITED 2,975,016
MEDTRADE PRODUCTS LIMITED 2,975,018
MEECE, BARRY DEWAYNE 2,968,266
MEI, QIAN 2,968,519
MEIJI CO., LTD. 2,980,102
MELANDER, OLLE 2,977,494
MELLIN, GUSTAV ANDRE 2,971,604
MELLSTEDT, HAKAN 2,973,773
MELO, RAFAEL ADOLFO LASTRA 2,979,688
MEMON, AMIR HUSSAIN 2,972,896
MEMORIAL SLOAN KETTERING CANCER CENTER 2,980,038
MENDOZA LIZALDEZ, ADELA 2,977,905
MENJON, IAN 2,973,638
MENJON, IAN 2,973,639
MENTOR IP, LLC 2,972,247
MENTZEL, UFFE VIE 2,973,638
MENTZEL, UFFE VIE 2,973,639
MERCER, STEPHEN E. 2,975,525
MERCIER, JOEL 2,973,648
MERCK PATENT GMBH 2,960,401
MERCK PATENT GMBH 2,976,415
MEREDITH, MATTHEW T. 2,979,539
MERKER, JOHANNES 2,979,834
MERMERIAN, ARA 2,959,757
MERMOD, NICOLAS 2,976,723
MERTENS, NORBERT 2,979,582
MERZ PHARMA GMBH & CO. KGAA 2,978,225
MESNIER, XAVIER PIERRE FRANCOIS 2,975,702
MESOBLAST INTERNATIONAL SARL 2,977,578
METHUKU, KASHI REDDY 2,979,701
METSO MINERALS INDUSTRIES, INC. 2,968,492
MEUWISSEN, MICHAEL HUBERTUS HELENA 2,978,369
MEYER, CHRISTOPH 2,974,865
MEYER, SEBASTIAN 2,975,176
MEYER, ULRICH 2,975,176
MEYERS, JEREMY 2,972,263
MEYERS, PAUL F. 2,980,004
MEYSKENS, FRANK L., JR. 2,959,756
MICHELSEN, WAYNE D. 2,972,989
MICKELAT, THOMAS 2,978,249
MICREOS HUMAN HEALTH B.V. 2,979,873
MIERAU, IGOR 2,975,636
MIETTINEN, MAUNO 2,974,883
MILES, TIMOTHY JAMES 2,973,432
MILLER, AMANDA K. 2,960,399
MILLER, AMANDA K. 2,960,404
MILLER, JACK 2,979,573
MILLER, JEFFREY MILLER 2,979,993
MILLER, LEE DOUGLAS 2,973,651
MILLER, MICHAEL LOUIS 2,959,630
MILLER, MICHAEL MATTHEW 2,975,716
MILLER, TIMOTHY J. 2,979,556
MILLS, DAVID 2,979,529
MINAMINO, ATSUSHI 2,979,644
MINNICK, DANNY J. 2,974,019
MIRAGEN THERAPEUTICS, INC. 2,979,825
MIRKINA, IRINA 2,978,847
MIRRORED MOTION WORKS, INC. 2,979,844
MISAPPLIED SCIENCES, INC. 2,974,128
MITCHELL, GLYNN 2,975,579
MITCHELL, LEAH 2,974,903
MITSUBISHI ELECTRIC CORPORATION 2,979,520
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,979,737
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,979,808
MITSUBISHI MATERIALS CORPORATION 2,979,800
MITSUHASHI, YUKA 2,975,217
MITTENDORF, VOLKER 2,980,121
MIWA, MASAHIRO 2,979,804
MIWA, MASAHIRO 2,979,805
MIWA, MASAHIRO 2,979,810
MIXTER, COLIN 2,979,884
MIYAMOTO, KATSUNORI 2,967,785
MIYAZAKI, TATSUYA 2,979,802
MOEDE, WARREN 2,980,129
MOHANTY, RASHMI RANJAN 2,979,717
MOLD-MASTERS (2007) LIMITED 2,979,735
MOLDENHAUER, GERHARD 2,975,660
MOLNAR, ALYOSHA 2,979,836
MOMBURG, FRANK 2,975,660
MONAGHAN, TOM 2,979,575
MONEBRAKE, DAVID WESLEY 2,971,437
MONEBRAKE, DAVID WESLEY 2,971,445
MONNERIE, JEAN-LOUIS 2,975,650
MONNING, URSULA 2,976,971
MONNING, URSULA 2,976,972
MONNING, URSULA 2,976,973
MONSAN, PIERRE 2,979,123
MONSTADT, HERMANN 2,978,654
MONTAVON, GREGOIRE 2,979,579
MONTOLIU ROURA, IVAN 2,973,412
MOON, JAMES J. 2,979,712
MOORE, ANNE 2,979,435
MOORTHY, PRAVEEN N. 2,973,101
MORADI CONSULTING GMBH 2,972,278
MORADI, SHAHRIAR 2,972,278
MORIARITY, BRANDEN SCOTT 2,975,384
MORIMIYA, NAOYUKI 2,979,641
MORIN, NICOLAS 2,979,423
MORIOKA, YUICHI 2,979,515
MORIOKA, YUICHI 2,979,516
MORISON, PAMELA MARIE 2,971,437
MORISON, PAMELA MARIE 2,971,445
MORLET-SAVARY, FABRICE 2,976,722
MORLEY, PETER 2,978,026
MORTIER, TODD J. 2,980,163
MOSCA, ROSSANO 2,976,603
MOSES, MICHAEL 2,978,134
MOSES, MICHAEL 2,978,374
MOULIS, CLAIRE 2,979,123
MOUREZ, MICHAEL 2,976,687
MOUSSY, ALAIN 2,975,644
MOWES, MANFRED 2,976,971
MOWES, MANFRED 2,976,972
MOWES, MANFRED 2,976,973
MOXON, JOHN 2,980,015
MTD PRODUCTS INC 2,974,975
MUELLER, BERND 2,978,037
MUHLBACH CACERES, PAULINA 2,980,123
MULL, ERIC 2,975,716
MULLER, KLAUS-ROBERT 2,979,579
MULLER, MEINARD 2,976,864
MULON, JACQUES 2,971,982

MUNDAY, JONATHAN	2,971,675
MUNDHADA, HEMANSHU	2,975,010
MUNDHADA, HEMANSHU	2,975,011
MUNZENBERGER, HERBERT	2,978,989
MURAI, HIDEYUKI	2,979,520
MURATA KATSUYUKI	2,979,806
MURTAZA, ADRIAN	2,975,431
MURZYNSKI, MACIEJ	2,979,809
MUSTAJARVI, JARI PEKKA	2,979,109
MUTO, AKIHIRO	2,979,801
MYERS, JOHN THOMAS, III	2,979,078
MYMD PHARMACEUTICALS, INC.	2,980,030
NABORS INDUSTRIES INC.	2,978,776
NADAR, SRINIVASA	2,974,353
NAGAI, HIDEMASA	2,979,639
NAGESH, MAMATHA	2,969,531
NAGY, ALEXANDRA	2,977,000
NAGY, ESZTER	2,978,847
NAGY, ESZTER	2,978,855
NAHUM, EREZ	2,973,758
NAIR, AYYAPPAN	2,979,482
NAJMAN, ROMAIN	2,975,577
NAJMAN, ROMAIN	2,975,777
NAKAI, TAKASHI	2,959,757
NAKAI, YUYA	2,959,478
NAKAJIMA, KOTARO	2,947,232
NAKASHIMA, TADAHITO	2,979,966
NAKAZAWA, YUYA	2,979,759
NAM, JUTAEK	2,979,712
NANJING SINOGEN BIOTECH & PHARMACEUTICAL INC.	2,979,760
NANOSTRING TECHNOLOGIES, INC.	2,968,519
NASATO, ELMO	2,978,238
NATIONAL CANCER CENTER	2,979,792
NATURAL ALTERNATIVES INTERNATIONAL, INC.	2,979,889
NATURE'S SUNSHINE PRODUCTS, INC.	2,979,690
NATUREX SA	2,975,702
NAVARRO PEREZ, VALENTI	2,978,653
NAVICKAS, VAIDOTAS	2,978,131
NAVIGO PROTEINS GMBH	2,975,362
NEAGU, CONSTANTIN	2,960,401
NEC CORPORATION	2,979,798
NEEDHAM, DEBORAH	2,973,806
NEGI, NORIYUKI	2,979,528
NEILSON, ANDREW	2,979,828
NEMAS, MARA	2,960,626
NEPOGODIN, ANDREW	2,956,611
NESCHADIM, ANTON	2,979,895
NEST, FRANK	2,979,564
NESTEC S.A.	2,960,347
NESTEC S.A.	2,960,362
NESTEC S.A.	2,973,412
NESTEC S.A.	2,973,413
NESTEC S.A.	2,973,433
NESTEC S.A.	2,973,434
NESTEC S.A.	2,973,536
NESTEC S.A.	2,974,856
NESTEC S.A.	2,974,857
NESTEC S.A.	2,975,814
NESTEC S.A.	2,979,313
NESTEC S.A.	2,979,315
NEUENDORF, MAX	2,978,815
NEUKAM, CHRISTIAN	2,978,812
NEUKAM, CHRISTIAN	2,978,814
NEUMANN, JOHANNES	2,975,003
NEUMEIER, ZEEV	2,973,740
NEURODERM, LTD.	2,960,626
NEUSINGER, MATTHIAS	2,978,818
NEW ZEALAND BOX LIMITED	2,979,907
NEWMAN, CHRISTIAN T.	2,971,275
NEWMAN, KATERINA V.	2,978,300
NEWMAN, KATERINA V.	2,979,993
NEYMANN, TOBIAS	2,975,012
NG, ALBERT HAN	2,974,128
NGO, HAO	2,973,195
NGUYEN, DENNIS P.	2,979,334
NICAUD, JEAN-MARC	2,979,423
NIEDERMEIER, ANDREAS	2,978,812
NIEDERMEIER, ANDREAS	2,978,814
NIELSEN, ALEX TOFTGAARD	2,975,010
NIELSEN, ALEX TOFTGAARD	2,975,011
NIELSEN, KIM TROENSEGAARD	2,979,435
NIELSEN, NIELS FISKER	2,975,525
NIELSEN, RASMUS	2,971,503
NIELSON, NELS	2,978,847
NIEMEYER, DRIK	2,976,548
NIJJAR, TARLOCHAN S.	2,974,911
NIJJAR, TARLOCHAN S.	2,974,912
NILSSEN, ODDBJORN REKAA	2,979,519
NINGBO YAMAO OPTOELECTRONICS CO., LTD.	2,928,345
NINOMIYA, KIYOMICHI	2,972,355
NIPPON FILCON CO., LTD	2,971,457
NIPPON STEEL & SUMIKIN CHEMICAL CO., LTD.	2,979,528
NIPPON STEEL & SUMITOMO METAL CORPORATION	2,979,528
NIPPON STEEL & SUMITOMO METAL CORPORATION	2,979,803
NIPPON STEEL & SUMITOMO METAL CORPORATION	2,979,978
NISSAN MOTOR CO., LTD.	2,979,641
NISSAN MOTOR CO., LTD.	2,979,963
NITIN, ANAND PAI KRISHNANAND	2,979,818
NITTO DENKO CORPORATION	2,979,523
NOCKEN, FRANK	2,974,865
NOKIA SOLUTIONS AND NETWORKS OY	2,979,109
NOLAN, CLAY	2,979,819
NOLAN, GARRY P.	2,980,133
NORTHWESTERN UNIVERSITY	2,979,843
NORTON, JOHN	2,979,843
NOTERMANN, CLAIRE LUCILLE	2,968,071
NOVAK, RICHARD	2,979,982
NOVAMONT S.P.A.	2,976,995
NOVARTIS AG	2,971,591
NOVARTIS AG	2,974,793
NOVELIS INC.	2,979,717
NOWAK, MATEUSZ OKTAWIAN	2,979,302
NOWAK, THORSTEN	2,959,942
NUMA, RAN	2,975,235
NUOVA OMPI S.R.L.	2,977,087
NUTRECO NEDERLAND B.V.	2,978,366
NUTRICOS TECHNOLOGIES	2,975,198
NUVO GROUP LTD.	2,979,785
NUVO GROUP LTD.	2,979,953
O'SULLIVAN, CAROLINE	2,979,435
OBRECHT, DANIEL	2,979,437
OBST SANDER, ULRIKE	2,979,113
OCHIYA, TAKAHIRO	2,979,792
OCHOA DE OLZA, MARIA	2,978,653
ODED, BAHAT	2,979,340
OETTING, DIRK	2,978,370
OH, YOUNG SEOK	2,970,833
OHTA, YASUTAKA	2,979,804
OHTA, YASUTAKA	2,979,805
OHTA, YASUTAKA	2,979,810
OIKONOMOU, ANTONIOS	2,975,348
OKABE, KOMEI	2,979,802
OKABE, KOMEI	2,979,971
OKAMOTO, NAOKI	2,979,641
OKAMOTO, YOSHIHIRO	2,972,355
OKSCHE, ALEXANDER	2,974,055
OKUBO, KATSUYUKI	2,979,523
OKVIST, PETER	2,979,658
OLIVARES, CESAR A.	2,979,888
OLIVE, DANIEL	2,974,910
OLIVEIRA VARUM, FELIPE JOSE	2,978,036
OLIVERA, ARGELIO MICHAEL	2,974,793
OLIVIER, YANNICK	2,975,180
OLSON, KAREN	2,979,847
OLSON, KURT G.	2,968,538
OLSON, KURT G.	2,968,670
OLSON, RICHARD E.	2,975,525
OLSON, WILLIAM	2,974,899
OLSSON, ELISABETH	2,973,773
OLSSON, HAKAN	2,973,913
OMEGA OPHTHALMICS LLC	2,972,030
OMNICYTE	2,979,697
OMNIOX, INC.	2,979,974
OMOTO, MITSURU	2,980,095
OMYA INTERNATIONAL AG	2,977,724
OMYA INTERNATIONAL AG	2,978,032
OPKO DIAGNOSTICS, LLC	2,979,559
OPTIBIO LIMITED	2,979,500
OPTIMEDICA CORPORATION	2,971,452
OREN TECHNOLOGIES, LLC	2,979,663
OREN, GUY	2,972,202
OREN, JOHN	2,979,663
OREN, JOSHUA	2,979,663
OSPEDALE SAN RAFFAELE SRL	2,978,655
OSSIG, JOACHIM	2,974,578
OSTUNI, RAFFAELE	2,977,239
OTSUKA PHARMACEUTICAL CO., LTD.	2,959,478
OTTER, MICHAEL	2,974,072
OTTH, DENIS	2,980,008

OU, JOSEPH 2,979,690
OUADI, MILOUD 2,975,003
OUTOTEC (FINLAND) OY 2,971,751
OWENS, TRACIE L. 2,970,286
OZ, OREN 2,979,785
OZ, OREN 2,979,953
OZAKI, YURIKA 2,980,097
OZAWA, YOICHI 2,979,759
OZKUL, DENIZ 2,977,576
PAKULSKI, MAREK K. 2,980,007
PALLARI, JARI 2,975,606
PALMER, ROBERT WAYNE 2,979,525
PALOBIOFARMA, S.L. 2,977,905
PAN, YUANLONG 2,960,347
PAN, YUANLONG 2,960,362
PAN, ZIJIANG 2,969,420
PANAGHISTON, MARK 2,979,614
PANAMA, JULIO R. 2,968,071
PANDURANGA REDDY, ADULLA 2,975,359
PANGILINAN, MELISSA 2,974,019
PANIN, GIORGIO 2,974,852
PAPAC, MICHAEL 2,974,793
PARAS, NICK A. 2,959,615
PARASELLI, BHEEMA RAO 2,960,101
PARK, CHRISTOPHER Y. 2,980,038
PARK, KYUNG-MO 2,974,341
PARK, SUNG-IK 2,973,086
PARKER, DEAN EDWIN 2,960,404
PARKSIDE FLEXIBLES (EUROPE) LIMITED 2,971,966
PARMAR, RADHA SHAH 2,974,910
PARONE, PHILIPPE ALESSANDRO 2,974,903
PARREN, PAUL 2,973,159
PARTHASARADHI REDDY, BANDI 2,975,359
PARTHASARATHY, BALA SRINIVASAN 2,969,531
PASETKA, CHRISTOPHER JUSTIN 2,979,998
PASSEMARD, ANNE 2,975,702
PATERSON & COOKE IDEAS LTD. 2,980,164
PATHANIA, SHAILJA 2,960,317
PATIL, ABHISHEK PRAMOD 2,973,001
PATTON, THOMAS 2,975,197
PAUBEL, XAVIER 2,971,982
PAULUS, JOUNI 2,975,431
PCI BIOTECH AS 2,978,496
PEACOCKS ORTHOTICS LIMITED 2,975,606
PEDERSEN, JOHN 2,978,234
PEDERSEN, LARS STORM 2,976,143
PEERBOOM, CLAUDE 2,973,423
PEHL, ULRICH 2,976,415
PELISSIER, LAURENT 2,979,920
PELTIER, JEROME 2,973,719
PENA, CAROL 2,978,807
PENA, CAROL 2,978,830
PENAZZI, DAVIDE 2,971,137
PENG, XUEGANG 2,979,570
PENG, XUEGANG 2,979,906
PENNER, FLORIAN 2,976,166
PEOPLES, BRIAN C. 2,974,945
PEPPERL + FUCHS GMBH 2,979,944
PERCHERANCIER, YANN 2,975,652
PERERA, JANE 2,972,989
PERERA, PHILIP 2,960,386
PERL, NICHOLAS 2,959,757
PERNOD RICARD 2,974,886
PERUCH, FREDERIC 2,979,123
PERUGINI, LEANDRO DANIEL 2,975,279
PESTEL, SABINE 2,978,134
PESTEL, SABINE 2,978,374
PETERS, JENS-UWE 2,979,113
PETERS, MICHAEL J. 2,979,842
PETERSEN, BLAKE T. 2,979,689
PETERSSON, KARSTEN 2,979,435
PETERSSON, SVEN 2,978,489
PETRAK, MARTIN 2,979,896
PETROFAC LTD. 2,979,322
PETROFAC SERVICES LTD 2,979,322
PEURA, TEIJA TUULIKKI 2,979,900
PEZ, DIDIER 2,975,644
PFANNENSTIEL, MARY ANN 2,979,556
PFISTER, STEFAN 2,978,843
PHANG, RIPING 2,979,905
PHARMACYCLICS LLC 2,960,044
PHELPS, JANET RUTH 2,979,998
PHENOX GMBH 2,978,654
PHILLIPS, JONATHAN 2,971,534
PICCARDI, NATHALIE 2,975,198
PICCOLI, LUCA 2,977,321
PICOUL, WILLY 2,975,644
PICRON, DONAT 2,980,008
PIEPER, ANNETTE 2,976,298
PIERRE FABRE DERMO-COSMETIQUE 2,978,505
PIERRE, FRANCOIS-XAVIER HENRI 2,975,702
PIHLAJA, JYRKI 2,974,167
PILLOW, THOMAS H. 2,959,689
PING, LIN 2,979,777
PIONEER HI-BRED INTERNATIONAL, INC. 2,975,279
PIPKIN, JAMES D. 2,980,170
PIRAS, RICCARDO 2,979,936
PLAIS, CECILE 2,979,007
PLAKSIN, DANIEL 2,975,449
PLESS, DANIEL 2,979,834
POE, MICHAEL MING-JIN 2,979,701
POFFET, MARTINE 2,977,724
POIRIER, MAUDE A. 2,975,716
POIRIER, STEVE 2,979,617
POIROT, LAURENT 2,978,840
POLA, ELIN MARTINA 2,979,697
POLLITT, STEPHEN 2,978,238
POLYPHOR AG 2,979,437
POLYTEX SPORTBELAGE PRODUKTIONS-GMBH 2,977,414
PONCETTE, LUCIA 2,974,955
POPRAWA, FLORIAN 2,975,534
PORTER, DAVID 2,975,148
PORTZ, DANIELA 2,975,659
PORTZ, DANIELA 2,975,944
POSSEMIERS, SAM 2,975,195
POSTLETHWAITE, NEALE 2,979,955
POSTLETHWAITE, TREVOR 2,979,955
POTASH, AMNON 2,979,517
POTELLE, NICOLAS 2,976,293
POTMAN, MARKO 2,978,375
POTNICK, JUSTIN 2,960,401
POURCEL, LUCILLE 2,976,723
POZEGIC, THOMAS 2,969,613
PPG INDUSTRIES OHIO, INC. 2,968,538
PPG INDUSTRIES OHIO, INC. 2,968,670
PREGARTNER, HELMUT 2,977,715
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,979,982
PRESTIGIACOMO, ROBERT 2,973,079
PRETTERHOFER, GUNTER 2,977,715
PRETZ, MATTHEW T. 2,971,102
PREVILLE, XAVIER 2,975,432
PRINTPACK ILLINOIS, INC. 2,971,112
PROBST, JOCHEN 2,975,333
PROBST, JOCHEN 2,975,816
PROIA, ELEUTERIO 2,979,936
PROQR THERAPEUTICS II B.V. 2,976,601
PROQR THERAPEUTICS II B.V. 2,978,375
PROSERNAT 2,977,451
PROTECHNA S.A. 2,973,515
PROTHENA BIOSCIENCES LIMITED 2,974,911
PROTHENA BIOSCIENCES LIMITED 2,974,912
PROTIVA BIOTHERAPEUTICS, INC. 2,979,998
PROTZER, ULRIKE 2,975,660
PROVENAZ, PHILIPPE 2,976,028
PROVINS, LAURENT 2,973,648
PROZYMEX A/S 2,978,234
PRUS, ERIC 2,976,028
PRYOR, JAMES GARFIELD 2,973,519
PRYOR, JAMES GARFIELD 2,973,624
PRYSMIAN S.P.A. 2,973,931
PRYTIME MEDICAL DEVICES, INC. 2,980,018
PUCHKOV, MAXIM 2,978,032
PUEHLER, FLORIAN 2,976,971
PUEHLER, FLORIAN 2,976,972
PUERTA, JEFFERSON 2,979,982
PUHL, MICHAEL 2,978,131
PUHLER, FLORIAN 2,976,973
PULFER, CHARLIE 2,979,951
PULSENMORE LTD. 2,979,624
PURAC BIOCHEM B.V. 2,975,226
PUVILAND, PATRICE 2,971,983
QIAGEN GMBH 2,978,858
QIAN, JANE 2,959,175
QIN, QIN 2,959,175
QINETIQ LIMITED 2,978,990
QINGDAO KINGAGROOT CHEMICAL COMPOUNDS CO., LTD 2,979,570
QINGDAO KINGAGROOT CHEMICAL COMPOUNDS CO., LTD 2,979,906
QINTERRA TECHNOLOGIES AS 2,980,108

QIU, HUI 2,960,401
QUALCOMM INCORPORATED 2,973,001
QUALCOMM INCORPORATED 2,973,339
QUALCOMM INCORPORATED 2,973,376
QUALCOMM INCORPORATED 2,974,140
QUALCOMM INCORPORATED 2,974,198
QUALCOMM INCORPORATED 2,974,228
QUANN, RICHARD J. 2,960,404
QUANTA ASSOCIATES, L.P. 2,979,525
QUARANTA, LAURA 2,978,996
QUITT, OLIVER 2,975,660
RA, ODD OYSTEIN 2,979,350
RADDATZ, MARIO 2,979,829
RADEMAKER, RIK 2,973,159
RADERSMA, RIEMKE VAN DIJKHUIZEN 2,973,159
RADHAKRISHNAN, HARISH 2,980,139
RAGHAVAN, PREETI 2,979,844
RAISSINIA, ALIREZA 2,973,001
RAJAN, YESUDOSS CHRISTU 2,979,905
RAJASEKARAN, JOHN J. 2,979,052
RAJEWSKI, ROGER 2,980,170
RAMACHANDRAN, GOPI CHANDRAN 2,969,531
RANCATI, FABIO 2,976,150
RANEBURGER, JOHANNES 2,974,282
RASMUSSEN, JAN NORAGER 2,979,594
RASMUSSEN, JERALD K. 2,979,700
RATANI, SHAKIR SIRAJ 2,978,228
RATHINAKAR REDDY, KURA 2,975,359
RAVASIO, LUIGI 2,971,503
RAVE SYSTEMS, INC. 2,979,571
RAVELLI, EMMANUEL 2,978,812
RAVELLI, EMMANUEL 2,978,814
RAYMOND, DOUGLAS M. 2,980,000
REBELO DO COUTO, FERNANDO JOSE 2,977,000
REDKNEE INC. 2,979,564
REDX PHARMA PLC 2,960,446
REDX PHARMA PLC 2,960,477
REED, CHARLES, C. 2,979,724
REES, RICHARD, T. 2,979,549
REGAN, FRANK 2,979,838
REGE, AARTI 2,979,550
REGENERON PHARMACEUTICALS, INC. 2,974,899
REGENTS OF THE UNIVERSITY OF MINNESOTA 2,975,384
REGNAULT, LAURENT 2,979,538
REICH, ROBERT 2,979,846
REID, PAUL 2,979,951
REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK 2,967,497
REIMER, KAREN 2,974,055
REINHOLD, ULRICH 2,979,034
REINOSO GARCIA, MARTA 2,976,716
REINSTEIN, MICHAEL 2,978,249
REMAUD-SIMEON, MAGALI 2,979,123
REN, HUGANG 2,974,793
REN, LI 2,975,165
RENATI, RICHARD JOSEPH 2,979,884
RENHOWE, PAUL ALLAN 2,959,757
RENISHAW PLC 2,971,675
RENNIE, GLEN ROBERT 2,959,757
RETTELBACH, NIKOLAUS 2,978,818
RETTENBACHER, LUKAS 2,972,278
REUTER, UWE 2,975,534
REY, ASTRID 2,976,687
REYES CERVANTES, VICENTE 2,980,123
REZAEI-ARAGHI, RAHELEH 2,979,999
REZNER, BETSY 2,974,903
REZZI, SERGE ANDRE DOMINIQUE 2,973,412
REZZI, SERGE ANDRE DOMINIQUE 2,973,536
RICKERT, JEFFREY S. 2,980,115
RICO BOTAS CASTANHO, MIGUEL AUGUSTO 2,975,059
RIETHMEYER, JAY 2,980,007
RILEY, JASON DAVID RICHARD 2,979,741
RINALDI, ROBERTO 2,976,606
RINOT, AVRAHAM 2,979,626
RIOS, ORLANDO 2,968,670
RISTCALL LLC 2,979,521
RISTOCK, HERBERT WILLI ARTUR 2,979,818
RITTER, JOACHIM 2,975,847
RITTNER, KAROLA 2,975,432
RIVERA, LEONARDO G. 2,979,888
RIVETZ CORP. 2,980,002
RIZK, SAID 2,969,429
RIZZI, ANDREA 2,976,150
RIZZI, ENRICO 2,978,218
ROBBINS, DAVID 2,974,903
ROBERSON, MARK W. 2,974,331
ROBERTS, DAVID ANTHONY 2,972,895
ROBERTS, MICHAEL J. 2,959,802
ROBINET, ERIC 2,978,833
ROBINS, HARLAN S. 2,979,726
ROBINSON, SIMON 2,978,677
ROBINSON, STEPHEN E. 2,979,744
ROCK, REZA M. 2,968,538
ROCK, REZA M. 2,968,670
ROCKWOOL INTERNATIONAL A/S 2,976,585
RODRIGUEZ, NELSON 2,980,033
ROKEHA LTD. 2,979,513
ROLFS, SONKE 2,976,548
ROLLA, STEFAN 2,978,654
ROLLER, MARC 2,975,702
RONCAROLO, MARIA GRAZIA 2,978,655
RONEN, RAZIEL 2,979,546
ROSEMOUNT INC. 2,979,689
ROSSEN, KAI 2,974,449
ROTHE, CHRISTINE 2,976,687
ROTTAPHARM BIOTECH S.R.L. 2,979,758
ROTTEFELLA AS 2,979,350
ROUDIER, MARTINE 2,977,000
ROUHA, HARALD 2,978,847
ROUHA, HARALD 2,978,855
ROUND, PATRICK 2,959,488
ROUSSEAUX, DIMITRI 2,976,848
ROUSSILLE, CLEMENT 2,979,791
ROVATI, LUCIO 2,979,758
RUDIGER, MANFRED 2,977,202
RUIGROK, HERMANUS 2,975,652
RUIJSSENAARS, HARALD JOHAN 2,975,226
RUMAN, JANE 2,976,032
RUPRECHT-KARLS-UNIVERSITAT HEIDELBERG 2,978,843
RUSSELL, MICHAEL J. 2,979,311
RUSSELL, NICHOLAS JAMES 2,974,464
RUTLEDGE, JAMES, M. 2,979,549
RYABCHUN, ANDRIY V. 2,979,818
SABATER, NEUS 2,978,072
SABBADIN, DAVIDE 2,974,467
SABINIARZ, ALEKSANDRA BARBARA 2,979,302
SABNIS, YOGESH ANIL 2,973,648
SACMI COOPERATIVA MECCANICI IMOLA SOCIETA' COOPERATIVA 2,971,137
SACMI IMOLA S.C. 2,976,603
SADIQ, BILAL 2,974,140
SAEBO, PER CHRISTIAN 2,980,043
SAFRAN AIRCRAFT ENGINES 2,979,474
SAFRAN AIRCRAFT ENGINES 2,979,791
SAGI, DIJANA 2,976,298
SAHA, ATANU 2,969,531
SAHLI, STEFAN 2,974,285
SAHLIN, HENRIK 2,973,936
SAINT-GOBAIN GLASS FRANCE 2,979,902
SAITO, HIROSHI 2,980,093
SAITO, TSUNEO 2,979,641
SAKAGUCHI, YUKA 2,979,779
SAKAMOTO, YOSHIMASA 2,979,759
SAKUMA, TAKASHI 2,979,966
SAKURAZAWA, CHIHIRO 2,979,800
SALAHIEH, AMR 2,979,884
SALAMONY, KEITH J. 2,980,115
SALEH, SALEEM 2,979,620
SALEXIS S.A. 2,976,723
SALIB, RAMI 2,975,197
SALIH, HELMUT 2,978,808
SALIN, MANUEL 2,978,654
SALOMON S.A.S. 2,971,000
SALVATORE, DELPHINE 2,975,814
SALVERMOSER, MANFRED 2,977,299
SALVERMOSER, MANFRED 2,977,315
SAMARANAYAKE, HARITHA 2,975,636
SAMEC, NICOLE ELIZABETH 2,979,811
SAMEK, WOJCIECH 2,979,579
SAMPLE, VIVEK 2,979,561
SAMSUNG ELECTRONICS CO., LTD. 2,972,615
SAMSUNG ELECTRONICS CO., LTD. 2,974,341
SANCHEZ, ROBERT 2,974,793
SANDBERG, MARCEL 2,973,803
SANDER, DIRK 2,977,414
SANDERSON, STEVEN NEIL 2,968,023
SANDOZ AG 2,974,282
SANDOZ AG 2,975,813

SANDRINELLI, FRANCK 2,975,644
SANFORD, KIRK E. 2,979,874
SANGER-VAN DE GRIEND, CATHARINA ELISE 2,976,826
SANKOLLI, SANJAY 2,979,722
SANOFI 2,976,298
SANOFI 2,976,687
SANOFI-AVENTIS DEUTSCHLAND GMBH 2,973,632
SANOFI-AVENTIS DEUTSCHLAND GMBH 2,974,449
SANOFI-AVENTIS DEUTSCHLAND GMBH 2,979,777
SANTEN PHARMACEUTICAL CO., LTD 2,975,535
SANTEN PHARMACEUTICAL CO., LTD. 2,979,802
SANTEN PHARMACEUTICAL CO., LTD. 2,979,971
SANTEN SAS 2,975,535
SANTIAGO DE OLIVEIRA, SORAIA RAFAELA 2,975,059
SANTOS NEVES, VERA LUISA 2,975,059
SAPARGALIYEV, ALDAN ASANOVICH 2,980,117
SARGENT, LOUISE 2,960,446
SASOL (USA) CORPORATION 2,974,945
SASOL GERMANY GMBH 2,976,548
SASOL WAX GMBH 2,977,563
SASTRY, SISTA SARADA 2,973,103
SATIJN, DAVID 2,973,159
SATO, KOICHI 2,979,978
SATOU, KANETOMO 2,979,782
SATOU, KANETOMO 2,979,789
SATTAR, OMER 2,979,874
SATTI, NARESH 2,960,455
SATZ, ALEXANDER LEE 2,975,664
SAUDI ARABIAN OIL COMPANY 2,979,688
SAUL, TOM 2,979,884
SAUVEPLANE, VINCENT 2,979,423
SAVAGE, JOHN KEITH 2,980,119
SAWINSKY, MICHAEL 2,974,023
SCANNEVIN, ROBERT 2,979,544
SCANZILLO, THOMAS L. 2,980,154
SCENT2MARKET INC. 2,980,158
SCHACHTEL, BERNARD 2,960,116
SCHACHTELE, JONATHAN 2,975,646
SCHAEDLER, AXEL 2,974,975
SCHAEFER, ALEXANDER 2,974,449
SCHAFER, AUGUST WILHELM 2,979,430
SCHAFMEIER, TOBIAS 2,979,115
SCHERRER, DIDIER 2,975,577
SCHERRER, DIDIER 2,975,777
SCHICK, MATTHIAS 2,978,843
SCHIELE, STEFAN 2,978,220
SCHIFFRIN, EDUARDO 2,973,412
SCHILLER, MARC 2,979,034
SCHINDER, MARKUS 2,967,078
SCHMEDER, ANDREW W. 2,979,566
SCHMIDT, ALEXANDER 2,978,825
SCHMIDT, HELMUT 2,974,847
SCHMIDT, JOHN J. 2,979,700
SCHMIDT, KONSTANTIN 2,978,812
SCHMIDT, KONSTANTIN 2,978,814
SCHMIDT, MARK S. 2,973,101
SCHMIDT, WOLFGANG 2,976,150
SCHMITT, MATHIEU 2,975,535
SCHMITT, THOMAS M. 2,979,726
SCHMITZ, DIRK 2,977,414
SCHMOLL, ANDREAS 2,979,834
SCHNEIDER, DIRK 2,976,971
SCHNEIDER, DIRK 2,976,972
SCHNEIDER, DIRK 2,976,973
SCHNEIDER, MARTIN 2,974,223
SCHNEIDER, MICHAEL 2,967,078
SCHNEIDER, ULRICH 2,977,563
SCHNEIDERS, HANS 2,978,369
SCHNITTGER, ARP 2,977,707
SCHOCH, KEEGAN TUCKER 2,971,608
SCHOCH, KEEGAN TUCKER 2,971,862
SCHOELKOPF, JOACHIM 2,978,032
SCHOEMER, MARTINA 2,968,928
SCHOENENBERGER, CATHERINE 2,976,825
SCHOLZ, ARNE 2,973,414
SCHONEBORN, MARCOS 2,976,548
SCHRAERMEYER, ULRICH 2,976,364
SCHRAMMEL, ALFONS-KARL 2,977,715
SCHRAMMEL, ALFONS-KARL 2,977,716
SCHREINER, STEPHAN 2,978,835
SCHRODER, ANDREAS 2,979,564
SCHROEDER, TIMOTHY PAUL 2,979,908
SCHROETER, BERND 2,967,497
SCHUBERT, BENJAMIN 2,978,812
SCHUBERT, BENJAMIN 2,978,814
SCHUBERT, BENJAMIN 2,978,815
SCHUH, FLORIAN 2,978,818
SCHULMAN, HOWARD 2,960,101
SCHULTE, STEFAN 2,978,134
SCHULTE, STEFAN 2,978,374
SCHULZ, BRENDEN 2,979,915
SCHULZ, THOMAS H. 2,980,129
SCHULZE, VOLKER 2,974,853
SCHUMACHER, HOLGER 2,967,497
SCHUNK KOHLENSTOFFTECHNIK GMBH 2,979,912
SCHUURMAN, JANINE 2,973,159
SCHWALBE, ANDREAS 2,977,563
SCHWARZ, FRANZ XAVER 2,975,813
SCHWEGLER, TOBIAS 2,978,818
SCHWEICH, CYRIL J., JR. 2,980,163
SCHWENDEMAN, ANNA A. 2,979,712
SCIENCONS AS 2,973,644
SCOLA, PAUL MICHAEL 2,975,716
SCOTT, SHAWN 2,979,402
SCOTT, WILLIAM J. 2,976,971
SCOTT, WILLIAM J. 2,976,972
SCOTT, WILLIAM J. 2,976,973
SCW SYSTEMS B.V. 2,978,140
SEAGULL THERAPEUTICS SAS 2,976,593
SEARS, THOMAS M. 2,979,874
SEB S.A. 2,971,021
SEENISAMY, JEYAPRAKASHNARAYANAN 2,960,401
SEIFI, MOZHDEH 2,978,072
SEINESS, HAKON JOHAN 2,979,350
SEKISUI CHEMICAL CO., LTD. 2,979,782
SEKISUI CHEMICAL CO., LTD. 2,979,789
SELVITA S.A. 2,979,302
SERINI, GUIDO 2,976,593
SEROV, ALEXEY 2,979,531
SERVIZO GALEGO DE SAUDE (SERGAS) 2,975,951
SETTELE, FLORIAN 2,975,362
SEXTON, DANIEL J. 2,979,713
SHAH, BHAVIN 2,969,429
SHAH, RACHANA SHAILESH 2,978,026
SHANGHAI NATIONAL ENGINEERING RESEARCH CENTER OF DIGITAL TELEVISION CO., LTD. 2,979,574
SHARMA, SANJEEV 2,973,195
SHAW, DON F. 2,971,102
SHAW, MARK 2,971,966
SHEA, DANIEL E. 2,979,982
SHEEHAN, CHRISSY 2,980,129
SHELDON, JOSHUA D. 2,972,586
SHELDON, JOSHUA D. 2,972,603
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,976,629
SHEN, GUOYANG 2,979,330
SHEN, HONG 2,973,760
SHEN, XINPU 2,979,330
SHENZHEN JIAWEI PHOTOVOLTAIC LIGHTING CO., LTD. 2,979,572
SHEPPECK, JAMES EDWARD 2,959,757
SHERER, BRIAN A. 2,960,401
SHERWOOD, ANNA 2,979,726
SHI, CE 2,979,902
SHI, RUISHENG 2,979,734
SHI, YIJUN 2,979,574
SHIFAMED HOLDINGS, LLC 2,979,884
SHIMA, AKIYOSHI 2,979,794
SHIMIZU, HIROSHI 2,959,478
SHIMIZU, TAKAYUKI 2,979,737
SHIMIZU, TAKAYUKI 2,979,808
SHINOHARA, TOSHIO 2,959,478
SHINSHU UNIVERSITY 2,979,806
SHIPP, PETER W., JR. 2,980,129
SHIRALI, MANOUCHEHR 2,979,402
SHISHIDO, TAKUYA 2,979,523
SHIZUKA, MANAMI 2,959,630
SHORE, DANIEL 2,975,196
SHORT BROTHERS PLC 2,969,613
SHRIVASTAVA, ABHISHEK 2,971,175
SICK, STEPHAN 2,977,414
SIDESHIFT INC. 2,979,909
SIEGEL, FRANZISKA 2,976,971
SIEGEL, FRANZISKA 2,976,972
SIEGEL, FRANZISKA 2,976,973
SIEGEL, WOLFGANG 2,978,131
SIEGFRIED AG 2,974,285

SIEMEISTER, GERHARD 2,974,853
SIEMENS AKTIENGESELLSCHAFT 2,974,023
SIEMENS AKTIENGESELLSCHAFT 2,974,581
SIEMENS AKTIENGESELLSCHAFT 2,975,534
SIEMENS AKTIENGESELLSCHAFT 2,977,715
SIEMENS AKTIENGESELLSCHAFT 2,977,716
SIEMENS AKTIENGESELLSCHAFT 2,979,438
SIEMENS AKTIENGESELLSCHAFT 2,979,924
SIEMENS SCHWEIZ AG 2,975,165
SIERADZKI, RICHARD 2,979,735
SIERAKOWSKI, MICHAEL J. 2,979,700
SIERRA NEVADA CORPORATION 2,980,033
SIEWERT, PAUL 2,978,598
SIGHTLINE INTERACTIVE LLC 2,979,874
SILL, MARTIN 2,978,843
SILLANS, CHRISTIAN 2,974,284
SILVA, RAVI 2,969,613
SIMMONS, PAUL 2,977,578
SINESHCHEKOV, OLEG A. 2,979,975
SINGER, JOHANNES MARIA 2,979,813
SINGH, SAMSHER 2,960,455
SINGH, VIRENDRA 2,973,079
SINGH, VIRENDRA 2,973,103
SINHA, GARIMA 2,972,997
SIROIS, SEBASTIEN 2,979,538
SITEC GMBH 2,972,186
SIVARAMAKRISHNAN, SRIRAM 2,979,836
SKERFE, ELINA 2,979,621
SLEIJSTER, HENRY 2,975,953
SLIZ, JOSIAH 2,979,982
SLOAT, JEFFREY, T. 2,970,380
SLOS, PHILIPPE 2,975,432
SLUSARCZYK, PETER 2,975,148
SMARRITO-MENOZZI, CANDICE MARIE 2,974,856
SMARRITO-MENOZZI, CANDICE MARIE 2,974,857
SMART MEDICAL SYSTEMS LTD. 2,979,517
SMARTWATCHER TECHNOLOGIES AG 2,974,473
SMETS, PATRIK 2,972,895
SMITH, ALFONSO MARTINEZ 2,973,492
SMITH, ANTONY 2,974,588
SMITH, ELIZABETH JANE 2,973,519
SMITH, ELIZABETH JANE 2,973,624
SMITH, EUGENE 2,971,992
SNEAD, NICHOLAS MICHAEL 2,979,998
SNOW LOGIC, INC. 2,979,684
SO, NICOL C. P. 2,973,611
SO, YOUNG-WAN 2,974,341
SOBRINO MOREIRAS, TOMAS 2,975,951
SOEUR JOSEFA MENENDEZ 2,975,985
SOLATUBE INTERNATIONAL, INC. 2,980,037
SOMAJINI, CLAUDE 2,974,165
SONG, GANG 2,979,572
SONNENSCHEIN, LAZAR 2,979,624
SONY CORPORATION 2,975,808
SONY CORPORATION 2,979,515
SONY CORPORATION 2,979,516
SONY CORPORATION 2,979,526
SOORHOLTZ, MARIO 2,976,629
SOTNIK, SVITLANA OLEKSANDRIVNA 2,975,464
SOUBELET, DOMINIQUE 2,979,421
SPARGO, PETER LIONEL 2,959,943
SPC SUNFLOWER PLASTIC COMPOUND GMBH 2,975,176
SPECTRUM BRANDS, INC. 2,979,809
SPEER, ROBERT J. 2,979,561
SPENCER, DAVID 2,980,018
SPERANZA, FRANK 2,979,844
SPHERITECH LTD 2,978,492
SPHINGOTEC GMBH 2,977,494
SPINNAKER INTERNATIONAL LIMITED 2,973,316
SPRAGUE, ISAAC 2,968,519
SPRAGUE, MICHAEL 2,980,002
SPRAGUE, STEVEN 2,980,002
SPROTTE, GUNTER 2,978,663
SPUDICH, JOHN LEE 2,979,975
ST-LAURENT, DANIEL 2,980,008
STAHL, NEIL 2,974,899
STALEY, SHAUN 2,979,281
STALEY, SHAUN 2,979,285
STANDIFIRD, WILLIAM 2,979,330
STAPLES, IAN 2,975,197
STASCH, JOHANNES-PETER 2,975,639
STASCH, JOHANNES-PETER 2,975,668
STATOIL PETROLEUM AS 2,979,519
STC.UNM 2,979,531
STEPWISE LTD 2,978,677
STERNBERGER, INA 2,977,588
STEVENS, GRANT 2,979,907
STEVENS, RICHARD B., JR. 2,972,586
STEWART, EDWIN ARTHUR 2,971,604
STIRNIMANN, TANJA 2,978,032
STOCKHAMMER, THOMAS 2,974,228
STODDARD, BRENT R. 2,979,285
STODDARD, THOMAS 2,975,709
STONE, KEVIN 2,980,149
STORA ENSO OYJ 2,979,621
STORA ENSO OYJ 2,979,990
STOTESBURY, THERESA ELIZABETH 2,979,568
STRAND, SVEN-ERIK 2,976,697
STRATEGIC RESOURCE OPTIMIZATION, INC. 2,979,842
STRATIS, SAVVAS 2,979,741
STRAUB, STEFANIE 2,979,034
STREBE, NINA 2,976,298
STREET, ROBIN 2,978,238
STREI, DAVID M. 2,979,689
STRESS ENGINEERING SERVICES, INC. 2,979,573
STROUD, THOMAS W. 2,971,175
STUDIENGESELLSCHAFT KOHLE MBH 2,976,606
STUETZ, ANTON 2,977,588
STUFFLEBEAM, JASON L. 2,971,112
STULIK, LUKAS 2,978,847
STULIK, LUKAS 2,978,855
STUMP, HEIKE 2,976,687
STYLER, GRAHAM 2,979,733
SUAU, JEAN-MARC 2,972,590
SUELING, CARSTEN 2,976,596
SUGAYA, SHIGERU 2,979,515
SUGAYA, SHIGERU 2,979,516
SUGGI LIVERANI, FURIO 2,979,936
SUGIYAMA, HIROSHI 2,979,794
SUIRE, COLBY 2,977,578
SULLIVAN, JEFFREY 2,979,610
SULLIVAN, RICHARD 2,979,550
SUMITOMO METAL MINING CO., LTD. 2,979,639
SUN, HAO 2,968,670
SUN, HE 2,979,576
SUN, HE 2,979,578
SUN, HE 2,979,580
SUN, LEILEI 2,980,012
SUN, LI-QIANG 2,975,716
SUN, YANG 2,979,902
SUNDERMANN, BERND 2,974,865
SUNOCO DEVELOPMENT, INC. 2,971,992
SURKOV, KIRILL 2,977,298
SURYANARAYANAN, RAJESH 2,971,112
SUTCLIFFE, CHRISTOPHER 2,971,675
SUWA, YOSHIHIRO 2,979,978
SUZUKI, KATSUHISA 2,979,759
SUZUKI, MASAYOSHI 2,979,794
SVENDSEN, OYVAR 2,979,350
SWAN, MICHAEL D. 2,971,598
SYNGENTA PARTICIPATIONS AG 2,974,467
SYNGENTA PARTICIPATIONS AG 2,975,579
SYNGENTA PARTICIPATIONS AG 2,978,996
SYNGENTA PARTICIPATIONS AG 2,980,121
SZCESNIAK, ADAM 2,979,867
SZEKELY, AMIR 2,973,367
TABERLET, JEAN-PHILIPPE 2,971,983
TACHINO, SHO 2,979,759
TACKE, ROBERT STEVEN 2,974,903
TAIBI, CHARLINE 2,976,416
TAJIRI, SHINICHIRO 2,980,096
TAJIRI, SHINICHIRO 2,980,097
TAKAGI TOSHIO 2,979,806
TAKAHASHI, TAKESHI 2,980,102
TAKANO, HIROAKI 2,979,526
TAKANOHASHI, HIROAKI 2,979,748
TAKASHIMA, YUYA 2,979,803
TAKAYAMA, SATOSHI 2,980,095
TAKEMOTO, SHINICHIROU 2,979,963
TAKEMURA, ISAO 2,959,478
TAMAGNONE, LUCA 2,976,593
TAMKIN, PRESTON ALAN 2,979,691

TAMPER, JUHA 2,974,880
TAMPER, JUHA 2,974,883
TAMURA, TOSHIYUKI 2,979,798
TANAHASHI, KAZUHIRO 2,979,779
TANEV, PETER TANEV 2,976,629
TANG, LEI 2,978,142
TANG, TAIYING 2,960,517
TANG-LIU, DIANE DAN-SHYA 2,979,905
TAPE, DANIEL TERENCE 2,973,806
TASLY PHARMACEUTICAL GROUP CO., LTD. 2,979,578
TASLY PHARMACEUTICAL GROUP CO., LTD. 2,979,580
TASLY PHARMACEUTICAL GROUP CO., LTD. 2,979,576
TATA COMMUNICATIONS (AMERICA) INC. 2,974,353
TAVAKKOLI, MONTREH 2,980,038
TAYGERLY, JOSHUA 2,959,615
TAZI, JAMAL 2,975,577
TAZI, JAMAL 2,975,777
TECHNISCHE UNIVERSITAT BERLIN 2,979,579
TECHNISCHE UNIVERSITAT MUNCHEN 2,975,660
TECHNISCHE UNIVERSITEIT DELFT 2,977,424
TECHNOLOGIES' XANADU OF RESONATORY-SOLAR-SYSTEMED CO., LTD 2,979,419
TECHNOPHAGE, INVESTIGACAO E DESENVOLVIMENTO EM BIOTECNOLOGIA, SA 2,975,059
TECTONIC AUDIO LABS, LLC 2,973,386
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 2,973,936
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 2,976,822
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 2,978,489
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 2,979,658
TEMPEL, RENE 2,974,853
TEPHA, INC. 2,969,429
TERAHARA, MASAKI 2,980,102
TERENTIV, LEON 2,975,431
TERLIUC, GAD 2,979,517
TESSON, THIERRY 2,979,474
TESSON, THIERRY 2,979,791
TESTAR, RICHARD 2,960,446
TESTAR, RICHARD 2,960,477
TETRA LAVAL HOLDINGS & FINANCE S.A. 2,973,925
TFCHEM 2,978,111
THALER, THOMAS 2,967,078
THALES 2,976,293
THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY 2,980,133
THE BRIGHAM AND WOMEN'S HOSPITAL, INC. 2,959,404
THE OHIO STATE UNIVERSITY 2,967,949
THE PARARI GROUP, LLC 2,979,693
THE PROCTER & GAMBLE COMPANY 2,971,437
THE PROCTER & GAMBLE COMPANY 2,971,445
THE PROCTER & GAMBLE COMPANY 2,971,604
THE QUAKER OATS COMPANY 2,971,112
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,959,756
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,979,807
THE REGENTS OF THE UNIVERSITY OF MICHIGAN 2,979,712
THE SECANT GROUP, LLC 2,980,152
THE UNIVERSITY OF AKRON 2,967,949
THE UNIVERSITY OF MANCHESTER 2,975,348
THE UNIVERSITY OF NOTTINGHAM 2,968,538
THEDE, KAI 2,976,971
THEDE, KAI 2,976,972
THEDE, KAI 2,976,973
THEILE, BENJAMIN 2,975,658
THEORIA SCIENCE INC. 2,979,792
THEVENIEAU, FRANCE 2,979,423
THEVENIER, ANNE 2,975,814
THIAGARAJAN, GIRIDHAR 2,980,020
THIMMEGOWDA, SHALINI 2,969,531
THOGERSEN, JOAKIM REIMER 2,976,143
THOMA, HERBERT 2,978,835
THOMAIDES, JOHN SOCRATES 2,979,311
THOMAS, J. DONALDSON 2,979,888
THOMAS, JAMES V. 2,960,451
THOMAS, MICHAEL GEORGE 2,973,432
THOMPSON, DAVID STEVEN 2,974,128
THOMPSON, JONATHAN PAUL 2,979,691
THOMPSON, ROBERT WILLIAM 2,978,990
THOMSON LICENSING 2,973,637
THOMSON LICENSING 2,975,180
THOMSON LICENSING 2,976,416
THOMSON LICENSING 2,978,072
THOMSON, JAMES A. 2,975,268
THOMSON, MARK 2,979,656
THOMSON, MARK 2,979,657
THOMSON, MARK 2,979,660
THROM, ANDRE 2,977,907
THROMBOSIS RESEARCH INSTITUTE 2,974,884
THURFJELL, MAGNUS 2,976,822
TIETZ, ANDREW 2,979,693
TILLING, PAULA 2,978,026
TILLOTTS PHARMA AG 2,978,036
TIMM, JUERGEN 2,979,717
TIMMONS, JAMES ARCHIBALD 2,975,670
TIRCSO, GYULA 2,973,643
TIROL, GLORIA CANSANAY 2,979,311
TITUS INC. 2,979,951
TM4 INC. 2,979,734
TOBERMAN, RICHARD A. 2,960,305
TOBIRA THERAPEUTICS, INC. 2,960,284
TOMCZYK, MATEUSZ MICHAL 2,979,302
TOMINAGA, NAOOMI 2,979,792
TOMOEGAWA CO., LTD. 2,979,794
TORAY INDUSTRIES, INC. 2,979,644
TORAY INDUSTRIES, INC. 2,979,779
TORII, NAOYUKI 2,979,641
TOTAL RESEARCH & TECHNOLOGY FELUY 2,976,848
TOTH, IMRE 2,973,643
TOURRETTE, PHILIPPE 2,979,787
TOUZET, ERIC 2,976,293
TOYO SEIKAN GROUP HOLDINGS, LTD. 2,980,099
TRACHTENHERZ, ALEXANDER 2,979,924
TRACKNSTOP LIMITED 2,979,432
TRAIL, STEPHAN 2,978,996
TRAMONTINA, PAUL F. 2,980,129
TRAN, AMANDA THUY 2,976,697
TRANSGENE SA 2,975,432
TRAPANI, IVANA 2,979,120
TRAUTMAN, JOSEPH CREAGAN 2,979,884
TREADWELL, SIMON 2,980,136
TRENT UNIVERSITY 2,979,568
TRIBUNE BROADCASTING COMPANY, LLC 2,973,219
TRIBUNE BROADCASTING COMPANY, LLC 2,973,221
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